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| tion. | No. of States. | Total Elec. V. | POLITICAL PARTY. | * PRESIDENTS. | | | * VICE-PRESIDENTS |
|-------|----------------|----------------|------------------|---------------------|---------|-----------------------------|-------------------|
| | | | | CANDIDATES. | States. | VOTE. Popular. Electoral | |
| 89 | 10 | 73 | | George Washington | .. | 69 | |
| | | | | John Adams..... | .. | | |
| | | | | John Jay..... | .. | | |
| | | | | R. H. Harrison.... | .. | | |
| | | | | John Rutledge.... | .. | | |
| | | | | John Hancock.... | .. | | |
| | | | | George Clinton.... | .. | | |
| | | | | Samuel Huntingdon.. | .. | | |
| | | | | John Milton..... | .. | | |
| | | | | James Armstrong.. | .. | | |
| | | | | Benjamin Lincoln.. | .. | | |
| | | | | Edward Telfair.... | .. | | |
| | | | | Vacancies..... | .. | 4 | |
| 92 | 15 | 135 | Federalist.. | George Washington | .. | 132 | |
| | | | Federalist.. | John Adams..... | .. | | |
| | | | Republican | George Clinton.... | .. | | |
| | | | | Thomas Jefferson.. | .. | | |
| | | | | Aaron Burr..... | .. | | |
| | | | | Vacancies..... | .. | 3 | |
| 96 | 16 | 138 | Federalist.. | John Adams..... | .. | 71 | |
| | | | Republican | Thomas Jefferson.. | .. | | |
| | | | Federalist.. | Thomas Pinckney.. | .. | | |
| | | | Republican | Aaron Burr..... | .. | | |
| | | | | Samuel Adams.... | .. | | |
| | | | | Oliver Ellsworth.. | .. | | |
| | | | | George Clinton.... | .. | | |
| | | | | John Jay..... | .. | | |
| | | | | James Iredell.... | .. | | |
| | | | | George Washington | .. | | |
| | | | | John Henry..... | .. | | |
| | | | | S. Johnson..... | .. | | |
| | | | | Charles C. Pinckney | .. | | |
| 00 | 16 | 138 | Republican | Thomas Jefferson.. | .. | 73 | |
| | | | Republican | Aaron Burr..... | .. | | |
| | | | Federalist.. | John Adams..... | .. | | |
| | | | Federalist.. | Charles C. Pinckney | .. | | |
| | | | | John Jay..... | .. | | |

*An American almanac and
treasury of facts, statistical, ...*

American News Company

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AND

Treasury of Facts,

STATISTICAL, FINANCIAL, AND POLITICAL,

FOR THE YEAR

1879.

EDITED BY

AINSWORTH R. SPOFFORD,

LIBRARIAN OF CONGRESS.



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PREFACE.

THE second issue of this statistical annual, delayed a few weeks by the care so essential in tabulating and combining the great mass of figures it contains, is substantially a new work. Only the most indispensable official tables of the former book, brought up to the latest attainable date, have been preserved. It is hoped that the volume will be found an improvement upon its predecessor, not only in the arrangement of material, but in comprehensiveness, freshness, and utility.

Although the edition for 1878 did not meet its expenses, owing to the heavy cost of tabular matter and the comparatively small number sold, the editor has been induced, by the assurances of those whose judgment he is not at liberty to disregard, that the work meets a positive public want, to prepare another volume. Whether the **AMERICAN ALMANAC AND TREASURY OF FACTS** will be continued must depend upon the encouragement received. The editor here records his thanks to the many correspondents in and out of public life who have testified their appreciation of his labors, to the press, who have given the work unanimous and cordial welcome, to the officers of the National and State Governments, who have supplied him with material, and to the members of his family, for constant and efficient aid.

WASHINGTON, Feb. 5, 1879.

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ECLIPSES, FESTIVALS, ETC., IN 1879.

FIXED AND MOVABLE FESTIVALS.

| | | | |
|-----------------------|----------|---------------------------|----------|
| Epiphany, | Jan. 6 | Easter Sunday, | April 13 |
| Septuagesima Sunday, | Feb. 9 | Low Sunday, | April 20 |
| Sexagesima Sunday, | Feb. 16 | Rogation Sunday, | May 18 |
| Quinquagesima Sunday, | Feb. 23 | Holy Thursday (Ascension- | |
| Ash Wednesday, | Feb. 26 | day), | May 22 |
| First Sunday in Lent, | March 2 | Whit-Sunday, (Pentecost), | June 1 |
| Quadragesima Sunday, | March 2 | Trinity Sunday, | June 8 |
| St. Patrick, | March 17 | Corpus Christi, | June 12 |
| Mid-Lent Sunday, | March 23 | Michaelmas Day, | Sept. 29 |
| Palm Sunday, | April 6 | Advent Sunday, | Nov. 30 |
| Good Friday, | April 11 | Christmas Day, | Dec. 25 |

CHRONOLOGICAL CYCLES.

| | | | |
|--------------------------------|----|---------------------|------|
| Dominical Letter, | E | Roman Indiction, | 7 |
| Solar Cycle, | 12 | Julian Period, | 6593 |
| Lunar Cycle, or Golden Number, | 18 | Jewish Lunar Cycle, | 15 |
| Epact, | 7 | Dionysian Period, | 208 |

ECLIPSES IN 1879.

There will be three eclipses during this year, two of the *Sun* and one of the *Moon*.

I. The first will be an *Annular* eclipse of the *Sun*, January 23, 7 o'clock and 6 minutes in the morning; invisible in North America.

The eclipse begins on the earth in longitude $25^{\circ} 52' E.$ from Washington, D. C., and latitude $23^{\circ} 55' S.$

Ends on the earth in longitude $124^{\circ} 13' E.$ from Washington, and latitude $11^{\circ} 23' N.$

II. An *Annular* eclipse of the *Sun*, July 19, 4 o'clock and 21 minutes in the morning; invisible in North America.

III. A partial eclipse of the *Moon*, December 27-28, 11 o'clock and 31 minutes in the forenoon; invisible at Washington.

MORNING STARS.

Venus, after Sept. 23.
Mars, until July 1.
Jupiter, after Feb. 8 until June 2.
Saturn, after March 26 until July 7.

EVENING STARS.

Venus, until Sept. 23.
Mars, after July 1.
Jupiter, until Feb. 8; after June 2.
Saturn, until Mch. 26; after July 7.

1st Month.]

JANUARY, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|--|------|-------------|-------|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 8 | 6 41 | morn. | | | |
| | | Last Quarter.... | 15 | 5 55 | morn. | | | |
| | | New Moon..... | 22 | 6 44 | eve. | | | |
| | | First Quarter.... | 30 | 6 38 | morn. | | | |
| 1 | Wed. | 1863 Lincoln's Emancipation Proclamation. | | 7 19 | | 4 49 | 12 38 | |
| 2 | Thur. | 1788 Georgia ratified the Constitution. | | 7 19 | | 4 50 | 1 37 | |
| 3 | Fri. | 1777 Battle of Princeton. | | 7 19 | | 4 51 | 2 39 | |
| 4 | Sat. | 1858 Death of Rachel. | | 7 19 | | 4 52 | 3 41 | |
| 5 | Sun. | 1781 Richmond, Va., burned by Arnold. | | 7 19 | | 4 52 | 4 33 | |
| 6 | Mon. | 1844 First telegraph between Baltimore and Washington. | | 7 19 | | 4 53 | 5 31 | |
| 7 | Tues. | 1718 General Putnam born. | | 7 19 | | 4 54 | 6 27 | |
| 8 | Wed. | 1815 Defeat of the British at New Orleans. | | 7 19 | | 4 55 | rises. | |
| 9 | Thur. | 1788 Connecticut ratified the Constitution. | | 7 19 | | 4 56 | 6 39 | |
| 10 | Fri. | 1840 Penny Postage established in England. | | 7 19 | | 4 57 | 7 51 | |
| 11 | Sat. | 1757 Alexander Hamilton born. | | 7 19 | | 4 58 | 9 00 | |
| 12 | Sun. | 1808 Salmon P. Chase born. | | 7 18 | | 4 59 | 10 14 | |
| 13 | Mon. | 1825 Slavery abolished in Mexico. | | 7 18 | | 5 0 | 11 22 | |
| 14 | Tues. | 374 St. Chrysostom born. | | 7 18 | | 5 1 | morn. | |
| 15 | Wed. | 1759 British Museum opened. | | 7 18 | | 5 2 | 12 27 | |
| 16 | Thur. | 1841 Banks resumed specie paym'ts. | | 7 17 | | 5 3 | 1 42 | |
| 17 | Fri. | 1600 Calderon de la Barca born. | | 7 17 | | 5 5 | 2 54 | |
| 18 | Sat. | 1782 Daniel Webster born. | | 7 16 | | 5 6 | 3 34 | |
| 19 | Sun. | 1848 Gold discovered in California. | | 7 16 | | 5 7 | 4 33 | |
| 20 | Mon. | 1779 David Garrick died. | | 7 15 | | 5 8 | 5 27 | |
| 21 | Tues. | 1793 Louis XVI. beheaded. | | 7 15 | | 5 9 | 6 25 | |
| 22 | Wed. | 1783 Byron born. | | 7 14 | | 5 10 | sets. | |
| 23 | Thur. | 1806 William Pitt died. | | 7 14 | | 5 11 | 6 46 | |
| 24 | Fri. | 1712 Frederick the Great born. | | 7 13 | | 5 12 | 7 42 | |
| 25 | Sat. | 1759 Robert Burns born. | | 7 12 | | 5 13 | 8 34 | |
| 26 | Sun. | 1837 Michigan admitted into the Union. | | 7 12 | | 5 15 | 9 41 | |
| 27 | Mon. | 1756 Mozart born | | 7 11 | | 5 16 | 10 42 | |
| 28 | Tues. | 1859 William H. Prescott died. | | 7 10 | | 5 17 | 11 41 | |
| 29 | Wed. | 1861 Kansas admitted to the Union. | | 7 9 | | 5 18 | morn. | |
| 30 | Thur. | 1649 King Charles I. beheaded. | | 7 8 | | 5 19 | 12 46 | |
| 31 | Fri. | 1849 Abolition of the Corn Laws. | | 7 8 | | 5 20 | 1 51 | |

2d Month.]

FEBRUARY, 1879.

[28 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|---|------|-------------|--|---------------|--------------|---------------|
| | | Full Moon..... | DAY. | H. M. | | | | |
| | | Last Quarter.... | 13 | 1 49 eve. | | | | |
| | | New Moon..... | 20 | 10 57 eve. | | | | |
| 1 | Sat. | 1552 Sir Edward Coke born. | | | | H. M. | H. M. | H. M. |
| 2 | Sun. | 1848 Treaty of Guadalupe Hidalgo signed. | | | | 7 7 | 5 21 | 2 54 |
| 3 | Mon. | 1811 Horace Greeley born. | | | | 7 6 | 5 23 | 3 55 |
| 4 | Tues. | 1555 John Rogers burned. | | | | 7 5 | 5 24 | 4 55 |
| 5 | Wed. | 1788 Sir Robert Peel born. | | | | 7 4 | 5 25 | 5 48 |
| 6 | Thur. | 1788 Massachusetts ratified the Constitution. | | | | 7 3 | 5 26 | 6 36 |
| 7 | Fri. | 1812 Charles Dickens born. | | | | 7 2 | 5 27 | rises. |
| 8 | Sat. | 1587 Mary Queen of Scots beheaded. | | | | 7 1 | 5 28 | 6 17 |
| 9 | Sun. | 1773 Wm. Henry Harrison born. | | | | 7 0 | 5 29 | 7 35 |
| 10 | Mon. | 1876 Reverdy Johnson died. | | | | 6 59 | 5 30 | 8 48 |
| 11 | Tues. | 1735 Daniel Boone born. | | | | 6 58 | 5 32 | 10 02 |
| 12 | Wed. | 1809 Abraham Lincoln born. | | | | 6 57 | 5 33 | 11 17 |
| 13 | Thur. | 1689 William III. and Mary proclaimed. | | | | 6 55 | 5 34 | morn. |
| 14 | Fri. | 1859 Oregon admitted to the Union. | | | | 6 54 | 5 35 | 12 27 |
| 15 | Sat. | 1710 Louis XV. born. | | | | 6 53 | 5 36 | 1 35 |
| 16 | Sun. | 1857 Dr. E. K. Kane died. | | | | 6 52 | 5 38 | 2 35 |
| 17 | Mon. | 1815 The War of 1812 ended. | | | | 6 51 | 5 39 | 3 29 |
| 18 | Tues. | 1564 Galileo born. | | | | 6 49 | 5 40 | 4 12 |
| 19 | Wed. | 1821 Florida ceded to U. S. by Spain. | | | | 6 48 | 5 41 | 5 11 |
| 20 | Thur. | 1716 David Garrick born. | | | | 6 47 | 5 42 | 5 53 |
| 21 | Fri. | 1801 John Henry Newman born. | | | | 6 46 | 5 44 | sets. |
| 22 | Sat. | 1732 George Washington born. | | | | 6 44 | 5 45 | 6 32 |
| 23 | Sun. | 1848 John Quincy Adams died. | | | | 6 43 | 5 46 | 7 30 |
| 24 | Mon. | 1863 Territory of Arizona organized. | | | | 6 42 | 5 47 | 8 29 |
| 25 | Tues. | 1791 First U. S. bank chartered. | | | | 6 40 | 5 48 | 9 27 |
| 26 | Wed. | 1848 French Republic proclaimed. | | | | 6 38 | 5 49 | 10 29 |
| 27 | Thur. | 1807 Henry W. Longfellow born. | | | | 6 37 | 5 51 | 11 32 |
| 28 | Fri. | 1820 Rachel born. | | | | 6 36 | 5 52 | morn. |
| | | | | | | 6 34 | 5 53 | 12 40 |

3d Month.]

MARCH, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|--|------|-------------|-------|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | First Quarter.... | 1 | 2 50 morn. | | | | |
| | | Full Moon..... | 8 | 8 2 morn. | | | | |
| | | Last Quarter.... | 14 | 10 35 eve. | | | | |
| | | New Moon..... | 22 | 8 59 eve. | | | | |
| | | First Quarter.... | 30 | 7 59 eve. | | | | |
| • | | | | | | | | |
| 1 | Sat. | 1867 Nebraska admitted to the Union. | | | H. M. | H. M. | H. M. | |
| | | | | | 6 33 | 5 54 | 1 38 | |
| 2 | Sun. | 1853 Territory of Washington organized. | | | 6 32 | 5 55 | 2 34 | |
| 3 | Mon. | 1845 Florida admitted to the Union. | | | 6 30 | 5 56 | 3 28 | |
| 4 | Tues. | 1791 Vermont admitted to the Union. | | | 6 29 | 5 57 | 4 19 | |
| 5 | Wed. | 1770 Boston Massacre. | | | 6 27 | 5 57 | 4 52 | |
| 6 | Thur. | 1836 Massacre of the Alamo, Tex. Ash Wednesday. | | | 6 26 | 5 58 | 5 27 | |
| 7 | Fri. | 1274 St. Thomas Aquinas died. | | | 6 24 | 5 59 | 5 57 | |
| 8 | Sat. | 1702 Accession of Queen Anne: William III. died. | | | 6 23 | 6 0 | rises. | |
| 9 | Sun. | 1451 Americus Vesputius born. | | | 6 21 | 6 1 | 7 37 | |
| 10 | Mon. | First Sunday in Lent. | | | 6 20 | 6 2 | 8 40 | |
| 11 | Tues. | 1702 First London daily paper issued | | | 6 18 | 6 3 | 9 41 | |
| 12 | Wed. | 1684 Bishop Berkeley born. | | | 6 17 | 6 4 | 10 47 | |
| 13 | Thur. | 1841 Steamer President lost. | | | 6 15 | 6 5 | 11 51 | |
| 14 | Fri. | 1782 Thomas H. Benton born. | | | 6 13 | 6 6 | morn. | |
| 15 | Sat. | 1820 Maine admitted to the Union. | | | 6 12 | 6 7 | 12 51 | |
| 16 | Sun. | 1751 James Madison born. | | | 6 10 | 6 8 | 1 45 | |
| 17 | Mon. | 1776 British evacuated Boston. | | | 6 9 | 6 9 | 2 29 | |
| 18 | Tues. | 1766 Stamp Act repealed. | | | 6 7 | 6 10 | 3 09 | |
| 19 | Wed. | 1813 David Livingstone born. | | | 6 6 | 6 11 | 3 40 | |
| 20 | Thur. | 1727 Sir Isaac Newton died. | | | 6 4 | 6 12 | 4 31 | |
| 21 | Fri. | 1413 Henry V. of Eng. crowned. | | | 6 3 | 6 13 | 5 11 | |
| 22 | Sat. | 1765 Stamp Act passed. | | | 6 1 | 6 14 | sets. | |
| 23 | Sun. | 1749 La Place born. | | | 5 59 | 6 15 | 7 24 | |
| 24 | Mon. | 1603 Queen Elizabeth died. | | | 5 58 | 6 16 | 8 14 | |
| 25 | Tues. | 1609 Hudson River discovered. | | | 5 56 | 6 17 | 9 09 | |
| 26 | Wed. | 1827 Beethoven died. | | | 5 54 | 6 18 | 10 24 | |
| 27 | Thur. | 1512 Florida discovered by Ponce de Leon. | | | 5 53 | 6 19 | 11 37 | |
| 28 | Fri. | 1793 Henry R. Schoolcraft born. | | | 5 51 | 6 19 | morn. | |
| 29 | Sat. | 1772 Swedenborg died. | | | 5 50 | 6 20 | 12 38 | |
| 30 | Sun. | 1867 Alaska acquired by treaty with Russia. | | | 5 48 | 6 21 | 1 43 | |
| 31 | Mon. | 1850 John C. Calhoun died. | | | 5 47 | 6 22 | 2 29 | |

4th Month.]

APRIL, 1879.

[30 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|---|------|-------------|--|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 6 | 5 18 eve. | | | | |
| | | Last Quarter.... | 13 | 9 2 morn. | | | | |
| | | New Moon..... | 21 | 5 48 morn. | | | | |
| | | First Quarter.... | 29 | 5 09 morn. | | | | |
| 1 | Tues. | 1789 First House Representatives organized at New York. | | | | 5 46 | 6 23 | 2 59 |
| 2 | Wed. | 1792 U. S. Mint estab. at Phila. | | | | 5 44 | 6 24 | 3 23 |
| 3 | Thur. | 1783 Washington Irving born. | | | | 5 42 | 6 25 | 4 01 |
| 4 | Fri. | 1841 President Harrison died. | | | | 5 41 | 6 26 | 4 34 |
| 5 | Sat. | 1794 Execution of Danton. | | | | 5 39 | 6 27 | 5 03 |
| 6 | Sun. | 1789 First Senate organized at New York. | | | | 5 37 | 6 28 | rises. |
| 7 | Mon. | 1780 William Ellery Channing born | | | | 5 36 | 6 29 | 7 44 |
| 8 | Tues. | 1848 Donizetti died. | | | | 5 34 | 6 30 | 9 00 |
| 9 | Wed. | 1626 Lord Bacon died. | | | | 5 33 | 6 31 | 10 14 |
| 10 | Thur. | 1816 U. S. Bank incorporated. | | | | 5 31 | 6 32 | 11 20 |
| 11 | Fri. | 1713 Peace of Utrecht. | | | | 5 30 | 6 33 | morn. |
| 12 | Sat. | 1777 Henry Clay born. | | | | 5 28 | 6 34 | 12 20 |
| 13 | Sun. | 1593 Thomas Wentworth Strafford born. | | | | 5 27 | 6 35 | 12 54 |
| 14 | Mon. | 1865 President Lincoln assassinated | | | | 5 25 | 6 36 | 1 33 |
| 15 | Tues. | 1814 John L. Motley born. | | | | 5 24 | 6 37 | 1 59 |
| 16 | Wed. | 1786 Sir John Franklin born. | | | | 5 23 | 6 38 | 2 25 |
| 17 | Thur. | 1790 Benjamin Franklin died. | | | | 5 21 | 6 39 | 2 53 |
| 18 | Fri. | 1847 Battle of Cerro Gordo. | | | | 5 20 | 6 40 | 3 16 |
| 19 | Sat. | 1775 Battles of Lexington and Concord. Good Friday. | | | | 5 18 | 6 41 | 3 44 |
| 20 | Sun. | 1808 Napoleon III. born. | | | | 5 17 | 6 42 | 4 16 |
| 21 | Mon. | 1836 Battle of San Jacinto. Easter Sunday. | | | | 5 16 | 6 43 | sets. |
| 22 | Tues. | 1509 Accession of Henry VIII. | | | | 5 14 | 6 43 | 8 26 |
| 23 | Wed. | 1616 Shakespeare died. | | | | 5 13 | 6 44 | 9 28 |
| 24 | Thur. | 1704 Boston <i>News Letter</i> , first paper in the U. S. | | | | 5 11 | 6 45 | 10 13 |
| 25 | Fri. | 1599 Oliver Cromwell born. | | | | 5 10 | 6 46 | 11 22 |
| 26 | Sat. | 1711 David Hume born. | | | | 5 9 | 6 47 | morn. |
| 27 | Sun. | 1787 Edward Gibbon died. | | | | 5 8 | 6 48 | 12 24 |
| 28 | Mon. | 1788 Maryland ratified the Constitution. | | | | 5 6 | 6 49 | 1 12 |
| 29 | Tues. | 1856 Peace proclaimed after Crimean War. | | | | 5 5 | 6 50 | 2 03 |
| 30 | Wed. | 1812 Louisiana admitted to the Union. | | | | 5 4 | 6 51 | 2 32 |

5th Month.]

MAY, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------|--------------|---|------|-------------|--|------------|-----------|------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 6 | 1 5 morn. | | | | |
| | | Last Quarter.... | 12 | 9 28 eve. | | | | |
| | | New Moon.... | 21 | 12 43 morn. | | | | |
| | | First Quarter.... | 28 | 6 39 eve. | | | | |
| 1 | Thur. | 1775 Boston besieged by American army. | | | | 5 2 | 6 52 | 2 59 |
| 2 | Fri. | 1494 Jamaica discovered. | | | | 5 1 | 6 53 | 3 15 |
| 3 | Sat. | 1845 Thomas Hood died. | | | | 5 0 | 6 54 | 3 29 |
| 4 | Sun. | 1780 John J. Audubon born. | | | | 4 59 | 6 55 | 3 59 |
| 5 | Mon. | 1821 Napoleon Bonaparte died. | | | | 4 58 | 6 56 | 4 24 |
| 6 | Tues. | 1859 Alex. von Humboldt died. | | | | 4 57 | 6 57 | rises. |
| 7 | Wed. | 1869 Union Pacific Railroad completed. | | | | 4 55 | 6 58 | 9 10 |
| 8 | Thur. | 1871 Treaty of Washington with Great Britain. | | | | 4 54 | 6 59 | 10 12 |
| 9 | Fri. | 1502 Columbus sailed, 4th voyage. | | | | 4 53 | 7 0 | 11 00 |
| 10 | Sat. | 1876 Centennial Exhibition opened. | | | | 4 52 | 7 1 | 11 44 |
| 11 | Sun. | 1858 Minnesota admitted to the Union. | | | | 4 51 | 7 2 | morn. |
| 12 | Mon. | 1763 Andrew Jackson born. | | | | 4 50 | 7 2 | 12 22 |
| 13 | Tues. | 1607 First settlement at Jamestown, Va. | | | | 4 49 | 7 3 | 12 54 |
| 14 | Wed. | 1610 Henry IV. killed by Ravaillac. | | | | 4 49 | 7 4 | 1 20 |
| 15 | Thur. | 1847 Daniel O'Connell died. | | | | 4 48 | 7 5 | 1 42 |
| 16 | Fri. | 1801 Wm. Henry Seward born. | | | | 4 47 | 7 6 | 2 05 |
| 17 | Sat. | 1829 John Jay died. | | | | 4 46 | 7 7 | 2 29 |
| 18 | Sun. | 1804 Napoleon I. proclaimed emperor | | | | 4 45 | 7 8 | 2 54 |
| 19 | Mon. | 1780 Dark Day in New England. | | | | 4 44 | 7 9 | 3 24 |
| 20 | Tues. | 1506 Christopher Columbus died. | | | | 4 43 | 7 10 | 3 54 |
| 21 | Wed. | 1849 Maria Edgeworth died. | | | | 4 43 | 7 10 | sets. |
| 22 | Thur. | 1688 Alexander Pope born. | | | | 4 42 | 7 11 | 8 55 |
| 23 | Fri. | 1836 Edward Livingstone died. | | | | 4 41 | 7 12 | 9 50 |
| 24 | Sat. | 1864 Territory of Montana organized. | | | | 4 41 | 7 13 | 10 34 |
| 25 | Sun. | 1803 Ralph Waldo Emerson born. | | | | 4 40 | 7 14 | 11 24 |
| 26 | Mon. | 1781 Bank of North America established. | | | | 4 39 | 7 14 | 11 57 |
| 27 | Tues. | 1199 King John crowned. | | | | 4 39 | 7 15 | morn |
| 28 | Wed. | 1807 Louis Agassiz born. | | | | 4 38 | 7 16 | 12 48 |
| 29 | Thur. | 1848 Wisconsin admtd to the Union | | | | 4 38 | 7 17 | 1 14 |
| 30 | Fri. | Decoration Day, soldiers' graves | | | | 4 37 | 7 17 | 1 43 |
| 31 | Sat. | 1791 First U. S. copyright law. | | | | 4 37 | 7 18 | 2 10 |

6th Month.]

JUNE, 1879.

[30 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN Rises. | SUN Sets. | MOON Sets. |
|---------------------|--------------------|---|------|-------------|--|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 4 | 8 34 morn. | | | | |
| | | Last Quarter.... | 11 | 11 51 morn. | | | | |
| | | New Moon..... | 19 | 3 15 eve. | | | | |
| | | First Quarter.... | 27 | 12 50 morn. | | | | |
| | | | | | | | | |
| | | | | | | H. M. | H. M. | H. M. |
| 1 | Sun. | 1792 Kentucky admitted; 1796, Tennessee admitted. | | | | 4 36 | 7 19 | 2 36 |
| 2 | Mon. | 1773 John Randolph born. | | | | 4 36 | 7 19 | 2 59 |
| 3 | Tues. | 1861 Stephen A. Douglas died. | | | | 4 36 | 7 20 | 3 23 |
| 4 | Wed. | 1859 Battle of Magenta. | | | | 4 35 | 7 21 | rises. |
| 5 | Thur. | 1723 Adam Smith born. | | | | 4 35 | 7 21 | 8 56 |
| 6 | Fri. | 1779 Patrick Henry died. | | | | 4 35 | 7 22 | 9 42 |
| 7 | Sat. | 1765 First American Congress, N. Y. | | | | 4 35 | 7 23 | 10 16 |
| 8 | Sun. | 1845 Andrew Jackson died. | | | | 4 34 | 7 23 | 10 44 |
| 9 | Mon. | 1870 Charles Dickens died. | | | | 4 34 | 7 24 | 11 13 |
| 10 | Tues. | 1580 Camoens died. | | | | 4 34 | 7 24 | 11 42 |
| 11 | Wed. | 1727 Accession of George II. | | | | 4 34 | 7 25 | morn. |
| 12 | Thur. | 1846 Oregon treaty signed. | | | | 4 34 | 7 25 | 12 13 |
| 13 | Fri. | 1786 Gen. Winfield Scott born. | | | | 4 34 | 7 26 | 12 39 |
| 14 | Sat. | 1777 U. S. flag, 13 stars and stripes, adopted. | | | | 4 34 | 7 26 | 1 06 |
| 15 | Sun. | 1836 Arkansas admitted to the Union. | | | | 4 34 | 7 26 | 1 34 |
| 16 | Mon. | 1846 Pius IX. elected Pope. | | | | 4 34 | 7 27 | 2 08 |
| 17 | Tues. | 1775 Battle of Bunker Hill. | | | | 4 34 | 7 27 | 2 49 |
| 18 | Wed. | 1815 Battle of Waterloo. | | | | 4 34 | 7 28 | 3 40 |
| 19 | Thur. | 1863 West Virginia admitted to the Union. | | | | 4 34 | 7 28 | sets. |
| 20 | Fri. | 1782 Great Seal of United States adopted. | | | | 4 34 | 7 28 | 8 40 |
| 21 | Sat. | 1788 New Hampshire ratified the Constitution. | | | | 4 34 | 7 28 | 9 15 |
| 22 | Sun. | 1815 Napoleon's final abdication. | | | | 4 35 | 7 28 | 9 56 |
| 23 | Mon. | 1859 Battle of Solferino. | | | | 4 35 | 7 29 | 10 26 |
| 24 | Tues. | 1497 New Foundland discovered by Cabot. | | | | 4 35 | 7 29 | 10 55 |
| 25 | Wed. | 1788 Virginia ratified Constitution. | | | | 4 35 | 7 29 | 11 24 |
| 26 | Thur. | 1830 George IV. died. | | | | 4 36 | 7 29 | 11 54 |
| 27 | Fri. | 1805 Francis W. Newman born. | | | | 4 36 | 7 29 | morn. |
| 28 | Sat. | 1836 James Madison died. | | | | 4 37 | 7 29 | 12 38 |
| 29 | Sun. | 1852 Henry Clay died. | | | | 4 37 | 7 29 | 1 04 |
| 30 | Mon. | 1834 Indian country set apart by Congress. | | | | 4 37 | 7 29 | 1 46 |

7th Month.]

JULY, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|---|------|-------------|------|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 3 | 4 31 eve. | | | | |
| | | Last Quarter.... | 11 | 3 48 morn. | | | | |
| | | New Moon..... | 19 | 3 59 morn. | | | | |
| | | First Quarter... | 26 | 5 30 morn. | | | | |
| 1 | Tues. | 1690 Battle of the Boyne. | | | 4 38 | 7 29 | 2 35 | |
| 2 | Wed. | 1850 Sir Robert Peel died. | | | 4 38 | 7 29 | 3 21 | |
| 3 | Thur. | 1778 Massacre at Wyoming Valley. | | | 4 39 | 7 29 | rises. | |
| 4 | Fri. | 1776 Declaration of Independence signed. | | | 4 39 | 7 28 | 8 14 | |
| 5 | Sat. | 1755 Sarah Siddons born. | | | 4 40 | 7 28 | 8 44 | |
| 6 | Sun. | 1535 Sir Thomas More beheaded. | | | 4 41 | 7 28 | 9 08 | |
| 7 | Mon. | 1844 Native American riots in Philadelphia. | | | 4 41 | 7 28 | 9 34 | |
| 8 | Tues. | 1621 La Fontaine born. | | | 4 42 | 7 27 | 9 56 | |
| 9 | Wed. | 1755 Gen. Braddock's defeat—Monongahela. | | | 4 42 | 7 27 | 10 08 | |
| 10 | Thur. | 1810 Ney captured Ciudad Rodrigo. | | | 4 43 | 7 27 | 10 40 | |
| 11 | Fri. | 1767 John Quincy Adams born. | | | 4 44 | 7 26 | 11 02 | |
| 12 | Sat. | 1831 Belgium separated from Holland. | | | 4 44 | 7 26 | 11 22 | |
| 13 | Sun. | 1787 Ordinance of 1787 passed Congress. | | | 4 45 | 7 26 | 11 59 | |
| 14 | Mon. | 1873 Great Fire in Chicago. | | | 4 46 | 7 25 | morn. | |
| 15 | Tues. | 1828 Houdon the sculptor died. | | | 4 46 | 7 24 | 12 30 | |
| 16 | Wed. | 1790 District of Columbia establis'd | | | 4 47 | 7 24 | 1 18 | |
| 17 | Thur. | 1797 Paul Delaroche born. | | | 4 48 | 7 23 | 2 16 | |
| 18 | Fri. | 1778 British evacuation of Phila. | | | 4 49 | 7 23 | 3 22 | |
| 19 | Sat. | 1786 Fitch's first steamer on the Delaware. | | | 4 50 | 7 22 | sets. | |
| 20 | Sun. | 1806 John Sterling born. | | | 4 51 | 7 21 | 8 17 | |
| 21 | Mon. | 1796 Robert Burns died. | | | 4 52 | 7 21 | 8 43 | |
| 22 | Tues. | 1621 Earl of Shaftesbury born. | | | 4 52 | 7 20 | 9 10 | |
| 23 | Wed. | 1803 Emmett's insurrection in Ireland. | | | 4 53 | 7 19 | 9 36 | |
| 24 | Thur. | 1783 Simon Bolivar born. | | | 4 54 | 7 18 | 10 05 | |
| 25 | Fri. | 1868 Territory of Wyoming organized. | | | 4 55 | 7 18 | 10 38 | |
| 26 | Sat. | 1788 New York ratified the Constitution. | | | 4 56 | 7 17 | 11 23 | |
| 27 | Sun. | 1789 State Department established. | | | 4 57 | 7 16 | morn. | |
| 28 | Mon. | 1794 Robespierre guillotined | | | 4 58 | 7 15 | 12 19 | |
| 29 | Tues. | 1108 Philip I. of France died. | | | 4 58 | 7 14 | 1 14 | |
| 30 | Wed. | 1784 Diderot died. | | | 4 59 | 7 13 | 2 12 | |
| 31 | Thur. | 1875 Andrew Johnson died. | | | 4 59 | 7 12 | 3 08 | |

8th Month.]

AUGUST, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|---|------|-------------|------|---------------|--------------|---------------|
| | | | DAY. | H. M. | | | | |
| | | Full Moon..... | 2 | 2 6 morn. | | | | |
| | | Last Quarter.... | 9 | 9 3 eve. | | | | |
| | | New Moon..... | 17 | 3 4 eve. | | | | • |
| | | First Quarter... | 24 | 10 5 morn. | | | | |
| | | Full Moon..... | 31 | 1 49 eve. | | | | |
| | | | | | | H. M. | H. M. | H. M. |
| 1 | Fri. | 1876 Colorado admitted to the Union. | | | 5 0 | 7 11 | 4 03 | |
| 2 | Sat. | 1830 Charles X. abdicated. | | | 5 1 | 7 10 | rises. | |
| 3 | Sun. | 1492 Columbus sailed from Palos to America. | | | 5 2 | 7 9 | 7 52 | |
| 4 | Mon. | 1792 Percy Bysshe Shelley born. | | | 5 3 | 7 8 | 8 14 | |
| 5 | Tues. | 1858 First Atlantic cable landed. | | | 5 4 | 7 7 | 8 40 | |
| 6 | Wed. | 1775 Daniel O'Connell born. | | | 5 5 | 7 6 | 9 12 | |
| 7 | Thur. | 1789 War Department established. | | | 5 6 | 7 5 | 9 44 | |
| 8 | Fri. | 1779 Benjamin Silliman born. | | | 5 6 | 7 4 | 10 12 | |
| 9 | Sat. | 1812 First Treaty of Washington signed. | | | 5 7 | 7 2 | 10 41 | |
| 10 | Sun. | 1821 Missouri admitted to the Union. | | | 5 8 | 7 1 | 11 07 | |
| 11 | Mon. | 1763 J. V. Moreau born. | | | 5 9 | 7 0 | 11 50 | |
| 12 | Tues. | 1775 C. Malte-Brun born. | | | 5 10 | 6 59 | morn. | |
| 13 | Wed. | 1838 Banks in the U. S. resumed specie payment. | | | 5 11 | 6 58 | 12 55 | |
| 14 | Thur. | 1714 C. Joseph Vernet born. | | | 5 12 | 6 56 | 2 03 | |
| 15 | Fri. | 1769 Napoleon I. born. | | | 5 13 | 6 54 | 2 40 | |
| 16 | Sat. | 1777 Battle of Bennington. | | | 5 14 | 6 53 | 3 40 | |
| 17 | Sun. | 1786 Frederick the Great died. | | | 5 15 | 6 52 | sets. | |
| 18 | Mon. | 1870 Battle of Gravelotte | | | 5 16 | 6 51 | 7 14 | |
| 19 | Tues. | 1812 Frigate Guerriere captured. | | | 5 17 | 6 50 | 7 89 | |
| 20 | Wed. | 1745 Francis Asbury born. | | | 5 17 | 6 48 | 8 06 | |
| 21 | Thur. | 1567 Francis de Sales born. | | | 5 18 | 6 47 | 8 33 | |
| 22 | Fri. | 1485 Battle of Bosworth Field. | | | 5 19 | 6 45 | 9 24 | |
| 23 | Sat. | 1769 Cuvier born. | | | 5 20 | 6 44 | 10 10 | |
| 24 | Sun. | 1814 British army entered Washington. | | | 5 21 | 6 43 | 11 02 | |
| 25 | Mon. | 1825 Uruguay declared independent. | | | 5 22 | 6 41 | 11 50 | |
| 26 | Tues. | 1346 Battle of Crecy. | | | 5 23 | 6 40 | morn. | |
| 27 | Wed. | 1776 Battle of Long Island. | | | 5 24 | 6 38 | 12 52 | |
| 28 | Thur. | 1749 J. W. von Goethe born. | | | 5 25 | 6 37 | 1 58 | |
| 29 | Fri. | 1632 John Locke born. | | | 5 26 | 6 35 | 2 59 | |
| 30 | Sat. | 1814 Alexandria taken by British. | | | 5 26 | 6 34 | 4 03 | |
| 31 | Sun. | 1688 John Bunyan died. | | | 5 27 | 6 32 | rises. | |

9th Month.]

SEPTEMBER, 1879.

[30 Days.

| Day of Month. • | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN Rises. | SUN Sets. | MOON Rises. |
|--------------------------|--------------------|--|-----------|-------------|--|---------------|--------------|----------------|
| | | Last Quarter.. | DAY. 8 | H. M. | | | | |
| | | New Moon | 16 | 2 58 eve. | | | | |
| | | First Quarter... | 22 | 12 50 morn. | | | | |
| | | Full Moon..... | 30 | 4 15 eve. | | | | |
| | | | | 4 12 morn. | | | | |
| 1 | Mon. | 1715 Louis XIV. died. | | | | 5 28 | 6 31 | 6 55 |
| 2 | Tues. | 1789 Treasury Department estab. | | | | 5 29 | 6 29 | 7 11 |
| 3 | Wed. | 1783 Definitive treaty of peace with England. | | | | 5 30 | 6 28 | 7 40 |
| 4 | Thur. | 1870 French Republic proclaimed. | | | | 5 31 | 6 26 | 8 04 |
| 5 | Fri. | 1513 Balboa discov. Pacific Ocean. | | | | 5 32 | 6 25 | 8 30 |
| 6 | Sat. | 1757 La Fayette born. | | | | 5 33 | 6 23 | 9 11 |
| 7 | Sun. | 1707 Buffon born. | | | | 5 34 | 6 22 | 9 56 |
| 8 | Mon. | 1781 Battle of Eutaw Springs, S. C. | | | | 5 35 | 6 21 | 10 52 |
| 9 | Tues. | 1850 California admitted to the Union. Utah Ter. organized. | | | | 5 35 | 6 20 | 11 52 |
| 10 | Wed. | 1813 Perry's victory on Lake Erie. | | | | 5 36 | 6 18 | morn. |
| 11 | Thur. | 1777 Battle of Brandywine. | | | | 5 37 | 6 17 | 1 05 |
| 12 | Fri. | 1847 Battle of Chapultepec. | | | | 5 38 | 6 15 | 2 19 |
| 13 | Sat. | 1759 French lose Canada. Battle of Quebec. | | | | 5 39 | 6 14 | 3 11 |
| 14 | Sun. | 1872 Geneva decision on Alabama Claims announced. | | | | 5 40 | 6 12 | 4 05 |
| 15 | Mon. | 1789 J. Fenimore Cooper born. | | | | 5 41 | 6 10 | 4 55 |
| 16 | Tues. | 1812 Burning of Moscow. | | | | 5 42 | 6 9 | sets. |
| 17 | Wed. | 1787 Constitution of the U. S. adopt- ed by convention. | | | | 5 43 | 6 7 | 6 47 |
| 18 | Thur. | 1793 Washington laid corner-stone of the Capitol. | | | | 5 44 | 6 6 | 7 13 |
| 19 | Fri. | 1779 Lord Brougham born. | | | | 5 44 | 6 4 | 8 11 |
| 20 | Sat. | 1697 Peace of Ryswick. | | | | 5 45 | 6 2 | 9 03 |
| 21 | Sun. | 1832 Sir Walter Scott died. | | | | 5 46 | 6 1 | 9 53 |
| 22 | Mon. | 1789 Post-Office Department estab. | | | | 5 47 | 5 59 | 10 50 |
| 23 | Tues. | 1836 Madame Malibran died. | | | | 5 48 | 5 58 | 11 51 |
| 24 | Wed. | 1846 Battle of Monterey. | | | | 5 49 | 5 56 | morn. |
| 25 | Thur. | 1734 Louis René Rohan born. | | | | 5 50 | 5 54 | 12 50 |
| 26 | Fri. | 1846 Thomas Clarkson died. | | | | 5 51 | 5 53 | 1 51 |
| 27 | Sat. | 1854 U. S. Steamer Arctic lost. | | | | 5 52 | 5 51 | 2 54 |
| 28 | Sun. | 1746 Sir William Jones born. | | | | 5 53 | 5 50 | 3 57 |
| 29 | Mon. | 1066 William the Conqueror landed in England. | | | | 5 54 | 5 48 | 5 02 |
| 30 | Tues. | 1399 Henry IV. of England crowned | | | | 5 55 | 5 46 | rises. |

[10th Month.]

OCTOBER, 1879.

[31 Days.]

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON SETS. |
|---------------------|--------------------|---|--------|-------------|--|---------------|--------------|---------------|
| | | Last Quarter.. | DAY. 8 | H. M. | | | | |
| | | New Moon..... | 15 | 8 38 morn. | | | | |
| | | First Quarter... | 22 | 10 2 morn. | | | | |
| | | Full Moon.... | 29 | 1 12 morn. | | | | |
| | | | | 9 03 eve. | | | | |
| 1 | Wed. | 1833 U. S. Deposits removed from U. S. Bank. | | | | 5 55 | 5 43 | 6 31 |
| 2 | Thur. | 1833 First railroad in the U. S. | | | | 5 56 | 5 42 | 7 02 |
| 3 | Fri. | 1803 Samuel Adams died. | | | | 5 57 | 5 40 | 7 42 |
| 4 | Sat. | 1777 Battle of Germantown. | | | | 5 58 | 5 39 | 8 18 |
| 5 | Sun. | 1813 Death of Tecumseh. Battle of the Thames. | | | | 5 59 | 5 37 | 8 58 |
| 6 | Mon. | 1821 Jenny Lind born. | | | | 6 0 | 5 35 | 9 40 |
| 7 | Tues. | 1780 Battle of Kings Mountain, N.C. | | | | 6 1 | 5 34 | 10 38 |
| 8 | Wed. | 1754 Henry Fielding died. | | | | 6 2 | 5 32 | 11 14 |
| 9 | Thur. | 1874 International Postal Treaty at Berne. | | | | 6 3 | 5 31 | morn. |
| 10 | Fri. | 1871 Great Fire at Chicago. | | | | 6 4 | 5 29 | 12 01 |
| 11 | Sat. | 1809 Meriwether Lewis died. | | | | 6 5 | 5 28 | 1 21 |
| 12 | Sun. | 1492 Columbus discovered America at San Salvador. | | | | 6 6 | 5 26 | 2 43 |
| 13 | Mon. | 1822 Canova died. | | | | 6 7 | 5 25 | 3 55 |
| 14 | Tues. | 1644 Wm. Penn born in London. | | | | 6 8 | 5 23 | 5 06 |
| 15 | Wed. | 1797 Treaty of Campo Formio. | | | | 6 9 | 5 22 | sets. |
| 16 | Thur. | 1725 First paper in New York, <i>New York Gazette</i> . | | | | 6 10 | 5 21 | 6 01 |
| 17 | Fri. | 1777 Surrender of Burgoyne at Saratoga. | | | | 6 11 | 5 19 | 6 43 |
| 18 | Sat. | 1865 Lord Palmerston died. | | | | 6 12 | 5 18 | 7 36 |
| 19 | Sun. | 1781 Surrender of Cornwallis at Yorktown. | | | | 6 13 | 5 16 | 8 40 |
| 20 | Mon. | 1784 Lord Palmerston born. | | | | 6 14 | 5 15 | 9 48 |
| 21 | Tues. | 1805 Battle of Trafalgar. | | | | 6 15 | 5 14 | 11 03 |
| 22 | Wed. | 1685 Edict of Nantes revoked. | | | | 6 16 | 5 13 | morn. |
| 23 | Thur. | 1872 Theophile Gautier died. | | | | 6 18 | 5 11 | 12 53 |
| 24 | Fri. | 1852 Daniel Webster died. | | | | 6 19 | 5 10 | 1 52 |
| 25 | Sat. | 1415 Battle of Agincourt. | | | | 6 20 | 5 9 | 2 52 |
| 26 | Sun. | 1807 Treaty of Fontainebleau. | | | | 6 21 | 5 8 | 3 52 |
| 27 | Mon. | 1492 Columbus discovered Cuba. | | | | 6 22 | 5 6 | 4 51 |
| 28 | Tues. | 1874 Rhinehart, sculptor, died. | | | | 6 23 | 5 5 | 5 54 |
| 29 | Wed. | 1864 John Leech died. | | | | 6 24 | 5 4 | sets. |
| 30 | Thur. | 1735 John Adams born. | | | | 6 25 | 5 2 | 5 45 |
| 31 | Fri. | 1864 Nevada admitted to the Union. | | | | 6 26 | 5 1 | 6 20 |

11th Month.]

NOVEMBER, 1879.

[30 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN Rises. | SUN Sets. | MOON Rises. |
|---------------------|--------------------|--|-----------|-------------|--|---------------|--------------|----------------|
| | | Last Quarter.... | DAY. 7 | H. M. | | | | |
| | | New Moon..... | 13 | 12 49 morn. | | | | |
| | | First Quarter.... | 20 | 7 32 eve. | | | | |
| | | Full Moon..... | 28 | 1 49 eve. | | | | |
| | | | | 4 59 eve. | | | | |
| 1 | Sat. | 1700 Charles II. of Spain died. | | | | H. M. 6 27 | H. M. 5 0 | H. M. 6 34 |
| 2 | Sun. | 1783 Washington's farewell orders to American armies. | | | | 6 28 | 4 59 | 7 59 |
| 3 | Mon. | 1800 Battle of Hohenlinden. | | | | 6 29 | 4 58 | 9 03 |
| 4 | Tues. | 1791 St. Clair's defeat by Indians in Ohio. | | | | 6 31 | 4 57 | 10 18 |
| 5 | Wed. | 1811 Indians defeated by Harrison at Tippecanoe. | | | | 6 32 | 4 56 | 11 18 |
| 6 | Thur. | 1860 Lincoln elected President. | | | | 6 33 | 4 55 | morn. |
| 7 | Fri. | 1665 London Gazette first published. | | | | 6 34 | 4 54 | 12 26 |
| 8 | Sat. | 1835 New York and Erie Railroad begun. | | | | 6 35 | 4 53 | 1 35 |
| 9 | Sun. | 1872 Great fire in Boston. | | | | 6 36 | 4 52 | 2 25 |
| 10 | Mon. | 1876 Centennial Exhibition closed. | | | | 6 37 | 4 51 | 3 06 |
| 11 | Tues. | 1864 John R. McCulloch died. | | | | 6 38 | 4 50 | 4 15 |
| 12 | Wed. | 1857 Financial panic in England. | | | | 6 39 | 4 49 | 5 24 |
| 13 | Thur. | 1862 Johann L. Uhland died. | | | | 6 40 | 4 48 | sets. |
| 14 | Fri. | 1831 G. W. F. Hegel died. | | | | 6 41 | 4 47 | 5 15 |
| 15 | Sat. | 1708 Earl of Chatham born. | | | | 6 43 | 4 47 | 6 20 |
| 16 | Sun. | 1717 D'Alembert born. | | | | 6 44 | 4 46 | 7 25 |
| 17 | Mon. | 1800 First meeting of Congress in Washington. | | | | 6 45 | 4 45 | 8 30 |
| 18 | Tues. | 1647 Pierre Bayle born. | | | | 6 46 | 4 44 | 9 26 |
| 19 | Wed. | 1794 Jay's treaty with England signed. | | | | 6 47 | 4 44 | 10 38 |
| 20 | Thur. | 1272 Edward I. crowned. | | | | 6 48 | 4 43 | 11 41 |
| 21 | Fri. | 1789 North Carolina ratified the Constitution. | | | | 6 49 | 4 43 | morn. |
| 22 | Sat. | 1643 Cavelier de la Salle born. | | | | 6 50 | 4 42 | 12 44 |
| 23 | Sun. | 1873 Steamer Ville du Havre lost. | | | | 6 51 | 4 42 | 1 56 |
| 24 | Mon. | 1784 Zachary Taylor born. | | | | 6 52 | 4 41 | 3 08 |
| 25 | Tues. | 1783 Evacuation of New York by British. | | | | 6 53 | 4 40 | 4 12 |
| 26 | Wed. | 1806 Berlin decree by Napoleon. | | | | 6 55 | 4 40 | 5 20 |
| 27 | Thur. | 1635 Madame de Maintenon born. | | | | 6 56 | 4 40 | 6 18 |
| 28 | Fri. | 1776 Washington crossed the Dela- ware. | | | | 6 57 | 4 40 | rises. |
| 29 | Sat. | 1802 Ohio admitted to the Union. | | | | 6 58 | 4 39 | 5 24 |
| 30 | Sun. | 1700 Charles XII. wins battle of Narva. | | | | 6 59 | 4 39 | 6 32 |

12th Month.]

DECEMBER, 1879.

[31 Days.

| Day of Month. | Day of Week. | Moon's Phases. | | WASHINGTON. | | SUN RISES. | SUN SETS. | MOON RISES. |
|---------------------|--------------------|--|--------|-----------------|--|---------------|--------------|----------------|
| | | Last Quarter.... | DAY. 6 | H. M. 2 38 eve. | | | | |
| | | New Moon..... | 13 | 5 59 morn. | | | | |
| | | First Quarter.... | 20 | 6 7 morn. | | | | |
| | | Full Moon..... | 28 | 11 6 morn. | | | | |
| 1 | Mon. | 1841 Greenough's "Washington" placed in the Capitol. | | | | H. M. 7 0 | H. M. 4 39 | H. M. 7 46 |
| 2 | Tues. | 1805 Battle of Austerlitz. | | | | 7 1 | 4 39 | 8 51 |
| 3 | Wed. | 1818 Illinois admitted to the Union. | | | | 7 2 | 4 38 | 10.06 |
| 4 | Thur. | 1783 Washington's farewell to the army. | | | | 7 2 | 4 38 | 11 19 |
| 5 | Fri. | 1782 Martin Van Buren born. | | | | 7 3 | 4 38 | morn. |
| 6 | Sat. | 1823 Max Müller born. | | | | 7 4 | 4 38 | 12 26 |
| 7 | Sun. | 1787 Delaware ratified the Constitution. | | | | 7 5 | 4 38 | 1 24 |
| 8 | Mon. | 1765 Eli Whitney born. | | | | 7 6 | 4 38 | 2 05 |
| 9 | Tues. | 1807 American ports closed to the British. | | | | 7 7 | 4 38 | 2 55 |
| 10 | Wed. | 1817 Mississippi admitted to the Union. | | | | 7 8 | 4 38 | 3 34 |
| 11 | Thur. | 1816 Indiana admitted to the Union. | | | | 7 9 | 4 38 | 4 54 |
| 12 | Fri. | 1787 Pennsylvania ratified the Constitution. | | | | 7 9 | 4 39 | 6 04 |
| 13 | Sat. | 1850 Territory of N. Mexico org'd. | | | | 7 10 | 4 39 | sets. |
| 14 | Sun. | 1819 Alabama admitted to the Union. | | | | 7 11 | 4 39 | 5 49 |
| 15 | Mon. | 1814 The Hartford Convention met. | | | | 7 12 | 4 39 | 6 56 |
| 16 | Tues. | 1773 Destruction of tea in Boston harbor. | | | | 7 12 | 4 40 | 7 42 |
| 17 | Wed. | 1770 Beethoven born. | | | | 7 13 | 4 40 | 8 54 |
| 18 | Thur. | 1865 Amendment abolishing slavery declared adopted. | | | | 7 14 | 4 40 | 10 04 |
| 19 | Fri. | 1154 Henry II. of England crowned. | | | | 7 14 | 4 41 | 11 10 |
| 20 | Sat. | 1767 Emmerich Vattel died. | | | | 7 15 | 4 41 | morn. |
| 21 | Sun. | 1639 Jean Racine born. | | | | 7 15 | 4 42 | 12 12 |
| 22 | Mon. | 1620 Pilgrims settled at Plymouth, Mass. | | | | 7 16 | 4 42 | 1 14 |
| 23 | Tues. | 1783 Washington resigned his commission. | | | | 7 16 | 4 43 | 2 16 |
| 24 | Wed. | 1814 Treaty of Peace signed at Ghent. | | | | 7 17 | 4 43 | 3 20 |
| 25 | Thur. | 1642 Sir Isaac Newton born. Christmas Day. | | | | 7 17 | 4 44 | 4 34 |
| 26 | Fri. | 1716 Thomas Gray born. | | | | 7 17 | 4 44 | 5 37 |
| 27 | Sat. | 1595 Sir Francis Drake died. | | | | 7 18 | 4 45 | 6 44 |
| 28 | Sun. | 1846 Iowa admitted to the Union. | | | | 7 18 | 4 46 | rises. |
| 29 | Mon. | 1845 Texas admitted to the Union. | | | | 7 18 | 4 47 | 6 27 |
| 30 | Tues. | 1870 Juan Prim died. | | | | 7 19 | 4 47 | 7 51 |
| 31 | Wed. | 1814 Jules Simon born. | | | | 7 19 | 4 48 | 9 07 |

PERPETUAL ALMANAC.

A Calendar for ascertaining any Day of the Week in any given Time during the Nineteenth Century.

| YEARS 1801 TO 1900. | | | | | | | | | | | 31 Jan. | 28 Feb. | 31 Mar. | 30 Apr. | 31 May. | 30 June. | 31 July. | 31 Aug. | 30 Sept. | 31 Oct. | 30 Nov. | 31 Dec. |
|---|------|------|------|------|------|------|------|------|------|------|-------------|---------|---------|---------|---------|----------|----------|---------|----------|---------|---------|---------|
| 1801 | 1807 | 1818 | 1829 | 1835 | 1846 | 1857 | 1863 | 1874 | 1885 | 1891 | 4 | 7 | 7 | 3 | 5 | 1 | 3 | 6 | 2 | 4 | 7 | 2 |
| 1802 | 1813 | 1819 | 1830 | 1841 | 1847 | 1858 | 1869 | 1875 | 1886 | 1897 | 5 | 1 | 1 | 4 | 6 | 2 | 4 | 7 | 3 | 5 | 1 | 3 |
| 1803 | 1814 | 1825 | 1831 | 1842 | 1853 | 1859 | 1870 | 1881 | 1887 | 1898 | 6 | 2 | 2 | 5 | 7 | 3 | 5 | 1 | 4 | 6 | 2 | 4 |
| 1805 | 1811 | 1822 | 1833 | 1839 | 1850 | 1861 | 1867 | 1878 | 1889 | 1895 | 2 | 5 | 5 | 1 | 3 | 6 | 1 | 4 | 7 | 2 | 5 | 7 |
| 1806 | 1817 | 1823 | 1834 | 1845 | 1851 | 1862 | 1873 | 1879 | 1890 | ... | 3 | 3 | 6 | 2 | 4 | 7 | 2 | 5 | 1 | 3 | 6 | 1 |
| 1809 | 1815 | 1826 | 1837 | 1843 | 1854 | 1865 | 1871 | 1882 | 1893 | 1899 | 7 | 3 | 3 | 6 | 1 | 4 | 6 | 2 | 5 | 7 | 3 | 5 |
| 1810 | 1821 | 1827 | 1838 | 1849 | 1855 | 1866 | 1877 | 1883 | 1894 | 1900 | 1 | 4 | 4 | 7 | 2 | 5 | 7 | 3 | 6 | 1 | 4 | 6 |
| To ascertain any day of the week, first look in the table of years for the year required, and under the months are figures which refer to the corresponding figures, at the head of the columns of days below. Thus: to know what day of the week July 4 fell in the year 1876, in the table of leap years, look for 1876, and in a parallel line, under July, is figure 6, which directs to column 6, in which it will be seen that July 4 fell on Tuesday. To find on what day of the month any given weekday falls, take the same course: Thus, the Tuesday after 1st Monday in November (election day) 1878, is shown in column 5, to which we are guided by the figure 5 in November, opposite 1878, to be the 5th day of the month. | | | | | | | | | | | LEAP YEARS. | | | | .. | 29 | .. | .. | .. | .. | .. | .. |
| 1804 | 1832 | 1860 | 1888 | ... | ... | ... | ... | ... | ... | ... | 7 | 3 | 4 | 7 | 2 | 5 | 7 | 3 | 6 | 1 | 4 | 6 |
| 1808 | 1836 | 1864 | 1892 | ... | ... | ... | ... | ... | ... | ... | 5 | 1 | 2 | 5 | 7 | 3 | 5 | 1 | 4 | 6 | 2 | 4 |
| 1812 | 1840 | 1868 | 1896 | ... | ... | ... | ... | ... | ... | ... | 3 | 6 | 7 | 3 | 5 | 1 | 3 | 6 | 2 | 4 | 7 | 2 |
| 1816 | 1844 | 1872 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 4 | 5 | 1 | 3 | 6 | 1 | 4 | 7 | 2 | 5 | 7 |
| 1820 | 1848 | 1876 | ... | ... | ... | ... | ... | ... | ... | ... | 6 | 2 | 3 | 6 | 1 | 4 | 6 | 2 | 5 | 7 | 3 | 5 |
| 1824 | 1852 | 1880 | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 7 | 1 | 4 | 6 | 2 | 4 | 7 | 3 | 5 | 1 | 3 |
| 1828 | 1856 | 1884 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 5 | 6 | 2 | 4 | 7 | 2 | 5 | 1 | 3 | 6 | 1 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Monday 1 | Tuesday 2 | Wednesday 3 | Thursday 4 | Friday 5 | Saturday 6 | Sunday 7 |
| Tuesday 2 | Wednesday 3 | Thursday 4 | Friday 5 | Saturday 6 | Sunday 7 | Monday 8 |
| Wednesday 3 | Thursday 4 | Friday 5 | Saturday 6 | Sunday 7 | Monday 8 | Tuesday 9 |
| Thursday 4 | Friday 5 | Saturday 6 | Sunday 7 | Monday 8 | Tuesday 9 | Wednesday 10 |
| Friday 5 | Saturday 6 | Sunday 7 | Monday 8 | Tuesday 9 | Wednesday 10 | Thursday 11 |
| Saturday 6 | Sunday 7 | Monday 8 | Tuesday 9 | Wednesday 10 | Thursday 11 | Friday 12 |
| Sunday 7 | Monday 8 | Tuesday 9 | Wednesday 10 | Thursday 11 | Friday 12 | Saturday 13 |
| Monday 8 | Tuesday 9 | Wednesday 10 | Thursday 11 | Friday 12 | Saturday 13 | Sunday 14 |
| Tuesday 9 | Wednesday 10 | Thursday 11 | Friday 12 | Saturday 13 | Sunday 14 | Monday 15 |
| Wednesday 10 | Thursday 11 | Friday 12 | Saturday 13 | Sunday 14 | Monday 15 | Tuesday 16 |
| Thursday 11 | Friday 12 | Saturday 13 | Sunday 14 | Monday 15 | Tuesday 16 | Wednesday 17 |
| Friday 12 | Saturday 13 | Sunday 14 | Monday 15 | Tuesday 16 | Wednesday 17 | Thursday 18 |
| Saturday 13 | Sunday 14 | Monday 15 | Tuesday 16 | Wednesday 17 | Thursday 18 | Friday 19 |
| Sunday 14 | Monday 15 | Tuesday 16 | Wednesday 17 | Thursday 18 | Friday 19 | Saturday 20 |
| Monday 15 | Tuesday 16 | Wednesday 17 | Thursday 18 | Friday 19 | Saturday 20 | Sunday 21 |
| Tuesday 16 | Wednesday 17 | Thursday 18 | Friday 19 | Saturday 20 | Sunday 21 | Monday 22 |
| Wednesday 17 | Thursday 18 | Friday 19 | Saturday 20 | Sunday 21 | Monday 22 | Tuesday 23 |
| Thursday 18 | Friday 19 | Saturday 20 | Sunday 21 | Monday 22 | Tuesday 23 | Wednesday 24 |
| Friday 19 | Saturday 20 | Sunday 21 | Monday 22 | Tuesday 23 | Wednesday 24 | Thursday 25 |
| Saturday 20 | Sunday 21 | Monday 22 | Tuesday 23 | Wednesday 24 | Thursday 25 | Friday 26 |
| Sunday 21 | Monday 22 | Tuesday 23 | Wednesday 24 | Thursday 25 | Friday 26 | Saturday 27 |
| Monday 22 | Tuesday 23 | Wednesday 24 | Thursday 25 | Friday 26 | Saturday 27 | Sunday 28 |
| Tuesday 23 | Wednesday 24 | Thursday 25 | Friday 26 | Saturday 27 | Sunday 28 | Monday 29 |
| Wednesday 24 | Thursday 25 | Friday 26 | Saturday 27 | Sunday 28 | Monday 29 | Tuesday 30 |
| Thursday 25 | Friday 26 | Saturday 27 | Sunday 28 | Monday 29 | Tuesday 30 | Wednesday 31 |
| Friday 26 | Saturday 27 | Sunday 28 | Monday 29 | Tuesday 30 | Wednesday 31 | Thursday 31 |
| Saturday 27 | Sunday 28 | Monday 29 | Tuesday 30 | Wednesday 31 | Thursday 31 | Friday 31 |
| Sunday 28 | Monday 29 | Tuesday 30 | Wednesday 31 | Thursday 31 | Friday 31 | Saturday 31 |
| Monday 29 | Tuesday 30 | Wednesday 31 | Thursday 31 | Friday 31 | Saturday 31 | Sunday 31 |
| Tuesday 30 | Wednesday 31 | Thursday 31 | Friday 31 | Saturday 31 | Sunday 31 | Monday 31 |
| Wednesday 31 | Thursday 31 | Friday 31 | Saturday 31 | Sunday 31 | Monday 31 | Tuesday 31 |

SOME FACTS CONCERNING THE CENSUS.

THE tenth census of the United States must be taken, under the provisions of our national constitution, in the year 1880. No legislation prescribing the officers or the methods for taking the enumeration has yet been adopted by Congress, although the Senate and the House of Representatives at the session of 1877-78, each constituted a select committee to consider and report upon the subject.

It is a noteworthy fact that the United States was the first nation to provide in its fundamental law for the periodical enumeration of the people. The first census under the constitution, 1790, antedates the first British census, taken in 1801, by eleven years; for although several attempts to guess at the population of Great Britain were made during the eighteenth century, no systematic census was ever taken. By act of Congress approved March 1st, 1790, the marshals of the several judicial districts of the United States were required to cause all the inhabitants within their districts to be enumerated.

These Federal officers were empowered to appoint as many assistants as required. The enumeration, commencing August 1st, 1790, was to be completed within nine months, and transmitted to the President of the United States. The inquiries to be answered in this primitive census were only six in number: (1) Names of the heads of families; (2) free white males of sixteen years and upwards, including heads of families; (3) free white males under sixteen years; (4) free white females, including heads of families; (5) all other free persons; (6) slaves.

Ten years later, in 1800, a new act concerning the census was passed, which enlarged the schedule of inquiries, provided for a census of ages, and some other features of less importance. By this act, the direction of the census was placed in the Department of State, where it continued until 1850. The censuses of 1810 and 1820 comprehended little beyond those of the two previous decades, except an attempt to obtain some statistics of industry and manufactures, which, however, yielded results almost worthless, and embraced only a portion of the States in the Union. In 1830 the attempt to obtain industrial statistics was not repeated; but whether this was owing to the unsatisfactory results of previous efforts, to indifference on the subject, or to other causes, does not appear. In 1840 a much larger variety of statistics was collected, including the number of persons employed in agriculture, mining, manufactures, and commerce, and educational statistics in considerable variety, including the number of white persons over twenty years of age, unable to read and write. An attempt was made to return the statistics of industry, which was only partially successful.

Before the taking of the seventh census [1850], the subject elicited

much public attention and discussion. By act of March 3d, 1849, Congress created a Census Board consisting of the Secretary of State, the Postmaster-General, and the Attorney-General, to prepare forms of schedules and regulations for taking the next census. The Senate also by a special committee on the census, appointed early in 1850, matured a bill which, after various amendments, became a law on the 23d of May, 1850. This act created a census office in the Department of the Interior, and placed the taking of the census under the charge of an officer, to be called the Superintendent of the Census. The singular instruction that not more than one hundred distinct inquiries were to be embodied in the schedule was placed in the act. There were added to the enumeration of questions previously required an important class of inquiries regarding vital statistics and mortality, while separate and distinct enumerations were required under the head of productions of agriculture, products of industry, and social statistics, the latter including schools, churches, illiteracy, etc. Under this act of 1850, three censuses have been taken, including the last, at which the actual enumeration of inhabitants began June 1st, 1870, and was completed in the last State January 9th, 1871. This census, although taken under the many obstacles and annoyances of imperfect schedules, misdirected inquiries, and defective powers, was most ably compiled by the Superintendent, Francis A. Walker and his assistants, and as remarked by an encyclopædical authority, "It is not too much to say that the reports of the Ninth Census form one of the noblest contributions which any country has ever made to statistical science." In this enumeration were included, for the first time, statements of the parentage of population, showing what number of people are native and foreign born, and what number are born of foreign parents; also a schedule reporting the public debt of all towns, cities, counties, and States in the Union. This census was published in three quarto volumes, illustrated by fourteen graphic maps, showing the various classes of statistics, and was preceded by a most useful "Compendium of the Census of 1870," in an octavo volume of 942 pages. Congress also authorized the publication of a folio Statistical Atlas of the United States, exhibiting in graphic form, by a series of shadings, the most interesting groups of facts recorded in the census. The whole work of the compilation was completed within two years from the conclusion of the enumeration; and the Superintendent expressed his belief that with a properly modified census law, such as would insure that the original material should reach the Census Office in proper form of tabulation, the entire editing and publication of our census might be concluded within one year from the date of the first receipt of returns. This consummation, so greatly to be wished, could only be reached, however, by radical amendment of the census law of 1850. This law is characterized by the Superintendent as a "clumsy, antiquated, and barbarous statute." Indeed, in view of the numerous imperfections of that law, its sins both of omission and commission, its failure to furnish practical and available means of reaching the ends of the census inquiry, and the absolute obstacles it throws in the way of availing ourselves of better methods, there seems to be no room for a difference of opinion on the subject, and by the united judgment of those who are versed in statistical inquiry, any attempt to take the census of 1880 under the antiquated law of 1850 would be nothing less than disgraceful.

Below will be found a table of figures showing the cost of each census, from 1790 to 1870, inclusive.

| YEAR. | Cost of census. | YEAR. | Cost of census. | YEAR. | Cost of census. |
|-----------|-----------------|-----------|-----------------|-----------|-----------------|
| | \$ | | \$ | | \$ |
| 1790..... | 44,817 18 | 1820..... | 208,525 90 | 1850..... | 1,339,027 53 |
| 1800..... | 66,609 01 | 1830..... | 378,543 13 | 1860..... | 1,922,272 42 |
| 1810..... | 178,444 67 | 1840..... | 833,370 95 | 1870..... | 3,336,511 41 |

Although the Constitution provides that a census shall be taken as often as once in every ten years, there seems to be no good reason why it should not be taken more frequently. In view of the prodigiously rapid growth of the country, not only in population but in industry, wealth, agriculture, and commerce, to say nothing of the extremely important vital statistics, which demand a more frequent census in order to be of value, a semi-decennial enumeration would seem to be almost a necessity of the times. The legislator, the publicist, or the journalist, who attempts to build conclusions upon the figures of a ten years old census, figures which would be dwarfed in many departments and completely falsified in others by the actual facts of to-day, is liable to continual error in his judgments. Some industries which were flourishing with great vigor according to the figures of the last census, have since become paralyzed, or are almost in a decline. Other industries which may have had no existence at all in 1870, have been developed into great proportions in the many years that have succeeded. The great fluctuations in the immigration from other countries, the constant flow of the waves of population from State to State, and the facts of mortality as modified by climate, epidemics, and other influences, the inequalities of the sexes in certain localities, the decline of marriages—in short, the appearance of every check or stimulus to population—these are facts which an enumeration taken but once in ten years cannot successfully exhibit. By the time the census is published and distributed, much of its information will be obsolete, and many of the facts which it embodies will already have become fictions.

That a people so full of the elements of progress, and so ready to put in practice the exact methods of every business as the Americans, should go on resting content with so defective, inadequate, and infrequent a census of their resources, is certainly surprising. It may be said that in other countries occupying the highest rank in civilization, there is a similar infrequency as to taking the complete census of the people; and we may be pointed to Great Britain, which takes a decennial census, as one example. But it must not be forgotten that in Great Britain there has been organized now for forty years a complete statistical bureau, under control of the Registrar-General, of births, marriages, and deaths; and the annual enumerations made by this agency, and published in a large yearly volume of statistics, show the progress of the population, not decennially, but annually, and are full of the minutest and most thorough tabular details as to vital statistics of every kind. In the principal countries of Europe, the following table will show with what frequency the taking of a census is provided for:

| | | | |
|----------------------|------------------|------------------|-------------------|
| Austria-Hungary..... | once in 6 years. | Greece..... | Irregular. |
| Belgium..... | " 10 " | Norway..... | once in 10 years. |
| France..... | " 5 " | Russia..... | " 10 " |
| Germany..... | " 3 " | Spain..... | " 3 " |
| Italy..... | " 5 " | Switzerland..... | " 10 " |
| Great Britain..... | " 10 " | | |

In several of these countries, notably in Austria, Germany, Great Britain, and Switzerland, permanent bureaus of statistics have charge of the enumeration of the people, and the most important facts regarding the movements of the population are published annually.

Again, it may be said that a census taken by the authority and at the expense of the States themselves, midway between the decades represented by the Federal censuses, might supply the want of more frequent statistics. But this suggestion is met at the threshold by the fact (so little understood abroad, but so obvious at home) of the great diversity of the State constitutions, laws, and policies, which must forever prevent any general and uniform system upon this subject, except so far as the want may be supplied by Congress and the general government. While the statement has been widely published that in all the States, except Connecticut, Georgia, and Virginia, a census is authorized or required by their constitutions, the fact remains that in sixteen States only out of thirty-eight was any census taken in the decade commencing with 1870, and now about to close. These States, with the dates of their censuses and the enumeration of the population, will be found below.

| STATES. | United States Census, 1870. | State Censuses. | | Increase. | Per Cent Increase. |
|------------------------|--------------------------------|-----------------|------------|-----------|-----------------------------|
| 1 Iowa..... | 1,194,020 | 1875 | 1,350,544 | 156,524 | 13 |
| 2 Kansas..... | 364,399 | " | 528,437 | 164,038 | 45 |
| 3 Louisiana..... | 726,015 | " | 857,039 | 130,124 | 18 |
| 4 Massachusetts..... | 1,457,351 | " | 1,651,012 | 194,561 | 13 |
| 5 Michigan..... | 1,184,059 | 1874 | 1,334,031 | 149,972 | 13 |
| 6 Minnesota..... | 439,706 | 1875 | 597,407 | 157,701 | 36 |
| 7 Missouri..... | 1,721,295 | 1876 | 2,085,537 | 364,242 | 21 |
| 8 Nebraska..... | 122,993 | " | 257,747 | 134,754 | 109 |
| 9 Nevada..... | 42,491 | 1875 | 52,540 | 10,049 | 24 |
| 10 New Jersey..... | 906,096 | " | 1,019,413 | 113,317 | 13 |
| 11 New York..... | 4,382,759 | " | 4,705,208 | 322,449 | 7 |
| 12 Oregon..... | 90,923 | " | 104,920 | 13,997 | 15 |
| 13 Rhode Island..... | 217,353 | " | 258,239 | 40,886 | 19 |
| 14 South Carolina..... | 705,606 | " | 923,447 | 217,841 | 31 |
| 15 Wisconsin..... | 1,054,670 | " | 1,236,599 | 181,929 | 17 |
| Total..... | 14,610,636 | ..... | 16,963,020 | 2,352,384 | 16 average of 15 States. |

In more than twenty States the constitutional provisions on this subject have fallen into neglect, and neither ambition nor interest as to their condition or material progress appears to have prevailed with their legislative bodies to take action in the matter. While this failure may be attributed in the majority of cases to the spirit of economy, it is possible that other considerations, or want of consideration, may elsewhere have prevailed. Such great commonwealths as Ohio, Pennsylvania, Indiana, and Illinois, while providing for certain classes of statistical reports through executive and State officers, have no provision whatever for the record or publication of vital statistics, or a complete periodical census of their populations.

In all States where the census is regularly taken (mostly in 1875), a comparison of the results with the United States census of 1870 yields most interesting and instructive conclusions. Our only regret must be that what is found so important and helpful in inquiries regarding the material condition of a few States, and their absolute

and relative progress in population and the arts of life, cannot be extended so as to embrace the whole country.

In all those States taking their own census, except in Massachusetts, the enumeration is made by officers appointed for the purpose, who themselves fill up the schedules under each head of inquiry, by personal interview with the head of the family or other competent member of the same. In the State of New York there was great complaint of the careless and indifferent manner in which the enumerators performed their duties, especially in the city of New York itself. There is grave reason to doubt whether the forms adopted in the National Census Act of 1850, and followed generally by the States, requiring the enumerators or the marshals to fill the blanks themselves, is a wise one. Massachusetts appears to be the only State which has adopted the British system of circulating the blank schedules containing inquiries, in advance, among the people. The Massachusetts census of 1875 was taken by what is termed a simultaneous enumeration—that is, a statement of the entire number of inhabitants in the State, with the various statistics involved, on a certain day, returned by each householder or head of the family. The census taken in pursuance of this method, and published in 1877 in three large volumes, has been generally accepted as the most complete and satisfactory one yet tabulated in this country. The British system of enumeration is so methodical, expeditious, and complete, as to win the admiration of a statistician at first sight, however many drawbacks and obstacles might be found to putting it in practice in this country. The census of Great Britain is committed to a trained class of nearly three thousand permanent officers, under control of the Registrar-General of births, marriages, and deaths. The whole kingdom is divided into 2191 sub-districts, each having a fixed territory, and each of these is under the charge of an officer, disciplined, intelligent, and experienced, used to this kind of work, in continual intercourse with the people, and making annual inquiries and full records as to their domestic condition and history. Each of these officers, moreover, for the purposes of the decennial census, is required to divide his sub-district into others so small, and containing so few houses and families, that an enumerator can visit each, and collect all the facts in one day. At the last census, in 1861, there were 31,144 of these small districts, and as many enumerators appointed by the sub-registrars, in England and Wales. The census-takers employed were required to be intelligent and active, not younger than eighteen years of age, nor older than sixty. They were all persons of respectability and courteous manners, many of them teachers and clergymen, who undertook the work partly from public motives; and no difficulty was experienced in securing the services of persons well acquainted with the districts in which they were to act. The schedules prepared at the General Registry Office in London, one for every family in the kingdom, were sent out in advance and left by the enumerators with each family one week before the 8th of April, which was the date to which the answers to all the inquiries in the blanks were to apply. On the 8th of April the enumerator called on every family in his district, examined the filling up of the blank, went over item by item with the head of the family, to make certain that the censuses were correctly made, and in cases where no written return had been made, through ignorance or other causes, took the most intelligent member of the family, or other witness that he could find, and with his aid made the requisite record for himself. By this means, so carefully matured and systematically

carried out, the census of England and Wales has been twice taken in one day.

The sources of error in census-making are so numerous, and the liability to reach erroneous conclusions, by reasoning from them, so great, that no care or pains can be too scrupulously exercised in devising proper safeguards at every step of the enumeration. One of the most fruitful causes of partial and incorrect returns appears to have been the provision of the present United States law regulating the taking of the census, by which the marshals and deputies are to collect the entire statistics by oral questions, instead of by schedules left with each family to be filled up by a given time. Take, for example, the farmer, and suppose him questioned hurriedly, and all at once, upon forty or fifty different topics relating to his farm and its products during the year ending at a period then for the first time proposed. He is asked to give instant account of the number of bushels of corn, wheat, rye, oats, barley, potatoes, etc., he harvested, the number of tons of hay, the acreage of land devoted to each crop, the variations in his farm stock and its value, the prices realized for each and every product, and a multitude of other particulars too numerous to dwell even in the memory of the most accurate, and hopeless of being answered correctly without reflection or opportunity of reference, comparison, and recollection. Obviously, we should be certain of far more correct if not substantially accurate returns, by allowing a week to the farmer to fill up a clearly arranged and printed schedule, with each item of fact desired, than if a hundred inquiries were hastily addressed to him by a horseback census-marshal, bent on collecting, in the shortest possible time, by the old-fashioned pump-handle method, the statistics of American agriculture.

Still more forcible is the objection to this method of taking a census, when applied to the products of manufacturing industry. And there is here an additional element of weakness and error in the vague classification required by the present law, under the terms of "raw materials" and "manufactured products." There is, and can be, no common standard, clearly defined and of universal application, of such terms, nor would the census enumerators themselves agree as to the distribution of the products of industry to be inventoried under them. Is pig iron a "raw material" or a "manufactured product"? And to which class shall we assign the manifold products of our saw-mills and grist-mills? What is needed, and all that is needed, is a specific statement of the amount and value of each product of every manufactory, large or small, domestic or corporate, in the United States. And this statement can only be obtained by affording to all concerned the requisite leisure and facilities for making it out. The inquiries of a census-taker, made in the midst of pressing business, and confusing the mind of the manufacturer by their very variety and multiplicity, can be productive only of a census compounded of guess-work and error piled upon error.

In the census of 1840, the number of "persons engaged in trade or commerce," in Albany, New York, was returned as thirty-five, while the same class in Troy, with less than half the population, was reported at 736. In the same census many towns were reported on one page as having no colored inhabitants, and on another as having from one to eight colored insane or blind persons. In another census the marshal's returns show that all the 133 patients in the Massachusetts State Lunatic Hospital at Worcester were colored, and this is reaffirmed in the printed report, which says that out of the 151 colored inhabitants of Worcester 133 are insane. Infants under one

year were reported as dying of delirium tremens; persons fifty or sixty years old dying of teething; persons frozen to death in the extreme South in July and August; persons sun-struck in the farthest North in January.

Among the statistics for which most inadequate and mistaken provision is made in the census act of 1850, may be classed the tables of Occupations, those of Mechanical Industry, and those styled the True Value of Property, and the Statistics of Farms, both as to land worked and as to products. The Superintendent of the last Census constantly refers, in his carefully prepared reports, to the discrepancies and omissions caused by the grossly deficient schedules under which he was compelled by law to have the census taken. Some of these forms, by their vagueness, appear to offer a direct premium upon blunders and inaccuracy. In collecting the statistics of agriculture, the absurd regulation was applied that no farm should be reported of less than three acres, a mere arbitrary distinction, as it is impossible to assign any good reason why a four-acre farm should be reported more than a two-and-a-half-acre one, equally or perhaps more productive. The schedule of agriculture required the products of each farm in the United States to be recorded for the year ending June 1st, while it is a palpable fact that there is no agricultural year ending June 1st, but this provision of the act cuts the agricultural year in two. Says the Superintendent of the Census in regard to the statistics of agriculture:

"The census has little authority in respect to minor productions. Where a crop is of small importance, or is only occasionally cultivated, the assistant marshal will naturally and almost inevitably fail to put the question at every house. The farmer, on the other hand, on account of its little importance among the products of the year, will fail to mention it, and the result will be an inadequate representation of that crop. . . . This frank admission in regard to the slight value of the statistics of the census in respect to the minor crops should have no effect to disparage the authority of its statements in respect to the staple products of the country as a whole, or of any section. The very laws of mind by which the former lose even the slight attention they deserve, give the strongest assurance for the general completeness and correctness of the latter.

"A second limitation of the agricultural statistics of the census is found in the inapplicability of the schedule to sections in the condition of the several territories, as also of the State of Texas and some portions of the States of California, Kansas, and Nebraska. That schedule was framed wholly with reference to the agricultural requirements of the older States, where the land is divided up into well-defined farms, and the operations of a comparatively advanced agriculture are systematically carried on. It is utterly inadequate to represent the grazing industry of the great plains beyond the Missouri, and the results in respect to this region might, perhaps, have been omitted from the publication with credit to the census."

The estimates by the census enumerators, or deputy marshals, of the property of the people, are among the statistics which are of more than doubtful value. So far as is known, the United States is the only prominent nation which has attempted by law to take a census of the private wealth of its people. From the very nature of the case, any such attempt is beset by all the difficulties that attend the listing of personal property for purposes of taxation, with the added obstacle that the field attempted to be covered is so vast in the case of the census that no enumerator, necessarily employed for a brief time, and in a hurried manner, to take statistics of vast extent and intricacy, could possibly obtain estimates of the realized wealth of any district which would be at all trustworthy. The standard of valuation must of course vary in different localities to the extent of more than fifty per cent. Says the Superintendent of the Census in regard to these statistics:

"At the best, these figures represent but the opinion of one man, or of a body of men in each State, acting under advice in the collection of material and in the cal-

culatation of the several elements of the public wealth. . . . No attempt has been made to eliminate that portion of the personal property of the country which is based on the value of real estate. To that extent, therefore, there is a duplication of wealth. The reasons why it was not deemed expedient to undertake the work of reducing the aggregate valuation of real and personal property by the amount of the latter, which merely represents the former, were:

"1. In nearly all the States of the Union, land and buildings are taxed to their full (assumed) value, without deduction on account of mortgages, while the mortgages are also taxed at their full value.

"2. The personal property representing real property is not always, perhaps not generally, owned in the immediate community where the real property is situated. Hundreds of millions are owned in the East in the form of mortgages on the real estate of the West. If these gigantic amounts are to be excluded from such tables as the following, they must be excluded as *personal property* from the valuations of the Eastern States. But to do so would be in the highest degree unjust. The wealth of these States consists in the value of their own real estate, their manufacturing, commercial, and banking capital, their furniture, apparel, and equipage, *plus* the claims they have upon the lands, buildings, and railways of the newer States.

"3. Even were it desirable, in view of the two considerations here presented, to eliminate the element of duplicated valuations, it will appear, on reflection, clear that the difficulties in the way of any thing approaching an accurate determination of the amount to be excluded would be almost insuperable.

"On all these accounts it was believed that it would be far more satisfactory to aggregate the totals of real and of personal property as separately obtained, without any inquiry how far the value of one merely represents the value of the other. The result reached must, at best, be characterized rather as an *impression* than an *opinion*."

In regard to the statistics of manufactures, we cite the forcible language of Superintendent Walker, as follows :

"The census returns of capital invested in manufactures are entirely untrustworthy and delusive. The inquiry is one of which it is not too much to say, that it ought never to be embraced in the schedules of the census ; not merely for the reason that the results are, and must remain, wholly worthless, but, also, because the inquiry in respect to capital creates more prejudice and arouses more opposition to the progress of the enumeration than all the other inquiries of the manufacturing schedule united. It is, in fact, the one question which manufacturers resent as needlessly obtrusive, while, at the same time, it is perhaps the one question in respect to their business which manufacturers, certainly the majority of them, could not answer to their own satisfaction, even if disposed. No man in business knows what he is worth—far less can say what portion of his estate is to be treated as capital.

"The aggregate amount of capital invested in manufactures in the United States as returned is \$3,118,308,769. It is doubtful whether this sum represents one fourth of the capital actually contributing to the annual gross product of \$4,233,325,442. It is a pity, and may almost be said to be a shame, that statistical information, in many respects, of high authority and accuracy, should be discredited by association with statements so flagrantly false, even to the least critical eye ; yet, as the manufacturing schedule annexed to the Act of 1850 requires this return, and as there is a vague popular notion that the statement of capital in this connection is of real and great importance (instead of being, as it is, at the best, of the least consequence), the Superintendent does not feel at liberty to withhold the results from publication.

The true and only remedy for the manifold and alarming errors which are inseparable from a census carelessly taken, or inaccurately tabulated, lies in a thoroughly organized system of responsibility. Let nobody be trusted to collect information or to tabulate returns but who is possessed of ample intelligence for the purpose. Then let a system of complete revision and scrutiny of the schedules be devised, by which all errors and improbabilities shall be referred back to the persons returning them before it is too late, and the proper corrections made. Errors are of course inseparable from any census ; the vast extent and multiplicity of the facts involved, and the large number of officers employed, render them inevitable ; but they may be indefinitely reduced, and the census rendered an approximation, at least, to accuracy, by applying to its management the same rules of rigid examination, intelligence, and responsibility which prevail in the business and the accounts of private firms and companies.

TAXATION, ITS HISTORY AND PRINCIPLES.

OF all the difficult questions connected with Government and its administration, there is none more difficult or more complicated than the problem of taxation. How to raise the requisite means to provide for the public defence, and defray the cost of the diversified business of the Government, with the least oppression to the taxpayers, and the most equitable distribution of the burdens, is a question which has exercised the minds and divided the opinions of publicists and legislators in all ages. While the right to tax is a right absolutely essential, if not inherent, in every government, the most expedient methods of taxation are open to the widest possible controversy. Whether taxes should be directly upon property and income, or indirectly upon imported commodities and domestic products; whether direct taxation should include both real and personal property, or should be levied exclusively upon real estate; whether mortgages should be taxed, or exempted on the ground of duplicate taxation; whether a large share of the revenues of the Government should, or should not, be derived from corporations devoted to banking, mining, and transportation, thus taxing the people's exchanges and means of communication, or leaving them wholly free; whether the property of religious, educational, and benevolent associations should be taxed, or exempted; whether the larger share of taxes should be levied upon luxuries, or placed heavily upon ardent spirits, tobacco, etc., with the combined object of revenue, and discouragement to certain habits of consumption; whether indirect taxes (as duties upon imported commodities) should be levied solely with a view to revenue, or with the aim of excluding or diminishing the importation of certain articles, for the benefit of the domestic production of the same articles; whether the tariff on importations should be confined to the fewest number of articles, or should be widely extended so as to tax the larger share of imported goods; all these are questions not only of great interest to legislators and citizens, but of great importance in the economy of nations.

The problem of taxation, always of commanding interest in the policy of any government, becomes peculiarly so from an American point of view. In this country, the divided jurisdiction between the Federal Government and the governments of States, renders the whole question of taxation a remarkably complex one. The citizen of the United States who is taxed to maintain the central government which manages foreign relations, and legislates for commerce and navigation, public lands, pensions, patents, copyrights, currency, and other interests of National consequence, owes also allegiance to a State government which taxes him to maintain a large body of legislative, executive, and judicial officers, an extensive public-school

system, many institutions for the care and maintenance of the unfortunate classes, for the punishment of crime, and frequently for a system of public and internal improvements of great extent, besides numerous collateral objects of expenditure. But the taxation does not stop here. After the citizen has contributed his share to the two hundred and forty millions of National expenditure, and has added to it his contribution to the millions of State expenditure, he is still further required to contribute his quota to the county expenditure, including highways, and the administration of justice, besides, in frequent cases, taxes for public buildings, bridges, or other objects of county necessity or ambition. But even here the much-taxed citizen does not rest; for after he has discharged his obligation to the United States, to the State in which he lives, and to the county in that State to which he belongs, he is still further subject to taxation, frequently very onerous, to maintain a city or town government, in the place of his immediate abode. It sometimes happens, too, that the ambition or extravagance of municipal governments far exceeds, in its demands upon the resources of the taxpayer, the combined drafts of all the other tax-gathering governments, National, State, and County, combined. Nor can the much-plundered taxpayer lay the flattering unction to his soul that, although his pocket is depleted and his means of living curtailed by these complicated contrivances to support what is called government, he has, nevertheless, the satisfaction of bearing an influential part in making the laws which tax him. It has too often happened in the experience of communities, even in democratic America, that so far from the public authorizing the expenditure which piles up debt, interest, and taxes, mountain high, such expenditure has been created by irresponsible bodies in the most flagrant abuses of trust, and in defiance of the most wholesome restraining laws. It is eminently true in regard to the excesses and abuses of power by legislators or executive officers, that to the taxpayer eternal vigilance is the price of exemption from oppression. Unless citizens everywhere take a zealous personal interest in the conduct of government, and watch with continual scrutiny the levying and expenditure of taxes, whether National, State, or local, they will too often find themselves the unwilling victims of unjustifiable and avoidable extravagance.

The history of taxation in the United States, for the purposes of the general Government, is a varied record of shifting policies and remarkable changes in the main objects of revenue. Beginning July 4th, 1789, with the first act for laying a duty on goods, wares, and merchandise imported into the United States, in which the highest taxes imposed were from five to ten per cent *ad valorem*, the tariff system of the United States has undergone some twenty-five distinct revisions, sometimes amounting to revolutions, besides many more numerous partial changes.

This is no place to review the changes of the tariff policy, brought about through the successive prevalence of one or another party, or to notice the controversies which led to them. There has resulted from these numerous changes, not only enormous fluctuations in the total revenue derived from customs (running its extremes from eleven millions to two hundred and sixteen millions of dollars customs revenue *per annum* in the last fifty years), but also continuous uncertainty to the importers and consumers of commodities. The sum of the alternate gains and losses to mercantile and manufacturing interests through the numerous and frequent radical changes in the tariff, has been incalculable. If we take the changes in the familiar

articles of tea and coffee only, we find the duties levied by successive tariffs undergoing the following permutations :

| COFFEE. | DUTY PER LB. | TEA. | DUTY PER LB. |
|----------------|--------------|----------------|--------------|
| 1789-90..... | 2½ cts. | 1789-90..... | 6 to 20 cts. |
| 1790-94..... | 4 " | 1790-97..... | 10 to 32 " |
| 1794-1812..... | 5 " | 1797-1813..... | 12 to 32 " |
| 1812-16..... | 10 " | 1812-16..... | 24 to 64 " |
| 1816-28..... | 5 " | 1816-32..... | 12 to 50 " |
| 1828-30..... | 2 " | 1832-61..... | Free. |
| 1830-32..... | 1 " | 1861..... | 15 cts. |
| 1832-61..... | Free. | 1862-64..... | 20 " |
| 1861-70..... | 5 cts. | 1864-70..... | 25 " |
| 1870-72..... | 3 " | 1870-72..... | 15 " |
| 1872-79..... | Free. | 1872-79..... | Free. |

Equal, or even greater, have been the variations in the amount of duty imposed upon other leading commodities ; and the prodigious number and variety of articles upon which the tariff laws have imposed duties (formerly numbering nearly four thousand articles, but reduced by successive exemptions to the still very large number of sixteen hundred articles by the tariff of 1872) have operated to enhance the expenses of collection, and sometimes to defeat the ends for which the taxes were imposed. From tables elsewhere given in this volume, may be gathered the present rates of duty imposed upon all leading articles of consumption, as also the principal changes in the tariff by the legislation of Congress from 1789 to date.

The first internal revenue tax levied by the authority of the general government was in the act of March 3d, 1792, imposing an excise duty upon distilled spirits of from eleven to thirty cents per gallon. To this were added in other enactments prior to 1800, according to the necessities of the revenue, taxes upon snuff, refined sugar, and stamp duties, taxes on auction sales, on retail wine dealers and distilleries, and by act of June 5th, 1794, a yearly tax upon all carriages for hire, or the conveying of passengers, from one dollar to ten dollars each. Opposition to the collection of this carriage tax led to the notable decision by the Supreme Court, which affirmed its validity and constitutionality. The opposition and armed resistance to the collection of the whiskey tax in Western Pennsylvania led to the calling out of Federal and State troops, President Washington going in person to the disaffected district, and the insurgents being summarily put down and punished, with subsequent clemency to the leaders.

The first direct tax levied by the Federal Government, not upon commodities, but upon lands and dwelling-houses (to which was added while slavery still existed, a tax upon the value of slaves), was enacted July 9th, 1798, under the constitutional provision which requires that "all direct taxes shall be apportioned among the several States, according to their respective numbers." This act divided the States into districts, with a large body of assessors, surveyors, and collectors of the revenue, who levied the tax provided for. This tax was limited to two years, and brought into the treasury about one million and a half of dollars. It was renewed in 1813 to 1815, during the expensive war with Great Britain, and, at the same time, heavy excise taxes were reimposed upon domestic spirits.

These taxes were gradually withdrawn as the public debt was

reduced, and expenditure diminished after the war. Twenty years of prosperity, with regular receipts from customs, and economical government, together with the constantly increasing sales of the public lands, brought the Government, in 1836, into the happy condition of being out of debt for the first and last time in its history hitherto. More than this; so many millions accumulated in the Treasury through the prodigious purchases of public lands in the flush times of 1835-6 (the Treasury receipts from sales in these two years alone having been about forty million dollars, or nearly double the entire annual receipts of the Government from all sources for twenty years before, and ten years after) that the surplus of the revenue was actually distributed by act of Congress, among the States. The amount thus divided (act of June 23d, 1836) was \$37,468,860, distributed among the twenty-six States, in proportion to their number of electoral votes for President.

Very shortly after this unexampled financial act, followed the disastrous panic of 1837, the great real estate and paper money bubbles of the preceding year having burst, strewing the country with wrecks, and followed by several years of severe commercial and industrial depression. The result was such a cutting down of the customs revenue and land receipts as to compel the Government, in 1838-40, to borrow money to meet current expenses.

The entire revenue to maintain the Government now continued to be raised by customs duties (with the added receipt of about two million dollars annually from the public lands) for more than twenty years. At the outbreak of the civil war, in 1861, which, unlike the preceding one, was a year of great commercial distress and many failures, the finances of the Federal Government were at a very low ebb, and as high as eight and ten per cent had been paid for temporary loans. The first legislation of Congress was directed towards increasing the receipts of the Government, and in 1862-63 was organized that vast system of internal revenue taxes, and enhanced tariff duties, which drew from the elastic resources of the country the prodigious sum of \$3,739,136,870 in ten years (1863-1873), or an average of 374 million dollars per annum, excluding all receipts from loans. To raise these enormous sums, rendered necessary to meet the current expenses of the great army in the field, and the interest on the rapidly growing public debt, necessitated the extension of the tax-gatherer's hand over almost every element of production and consumption. Not only were the tariff duties upon imports raised in many instances fifty to one hundred per cent above former rates, and a multitude of commodities before free subjected to taxation, but a direct tax of twenty million dollars per annum was apportioned among the States, an income tax (the first in our history) of three per cent was imposed on all annual incomes over \$600, and five per cent on all above \$10,000, afterwards increased to five per cent on all below \$5000 and ten per cent on the excess over \$5000 income. The following table shows succinctly the successive modifications of the income-tax law, with the annual amount derived from it, up to its repeal :

AMOUNT OF REVENUE FROM INCOME TAX DURING EACH YEAR.

[From the Annual Reports of the Commissioner of Internal Revenue.]

| YEARS. | Incomes over \$600 and not over \$10,000 5 per cent. Act of July 1, 1898. | Incomes over \$10,000 5 per cent. Act of July 1, 1892. | Incomes over \$400 and not over \$5000 5 per cent. Act of Mar. 3, 1886. | Incomes over \$2000 10 per cent. Act of Mar. 3, 1885. | Incomes over \$1000 5 per cent. Act of Mar. 9, 1887. | Incomes over \$5000 8½ per cent. Act of July 14, 1870. | Incomes from bank dividends and profits. | Incomes from canal companies' dividends, etc. | Incomes from insurance companies' dividends, etc. | Incomes from railroad companies' dividends and interest on bonds. | Incomes from turnpike companies' dividends, etc. | Incomes from salaries of United States officials. | Annual Total. |
|--------------|---|--|---|---|--|--|--|---|---|---|--|---|---------------|
| 1898a. | \$ 172,770 | \$ 277,452 | \$ | \$ | \$ | \$ | \$ 766,606 | \$ 4,210 | \$ 235,485 | \$ 592,532 | \$ 1,101 | \$ 696,181 | \$ 2,741,837 |
| 1899a. | 7,944,154 | 6,855,160 | ..... | ..... | ..... | ..... | 1,577,011 | 92,121 | 445,366 | 1,594,252 | 17,405 | 1,705,125 | 30,294,738 |
| 1900a. | 9,697,947 | 9,862,389 | 539,143 | 801,942 | ..... | ..... | 4,016,722 | 386,223 | 768,771 | 3,319,598 | 28,213 | 2,896,492 | 32,060,017 |
| 1901a. | ..... | ..... | 28,046,760 | 34,501,123 | ..... | ..... | 4,240,664 | 208,234 | 783,832 | 3,461,769 | 27,333 | 3,717,335 | 72,932,180 |
| 1902a. | ..... | ..... | 31,492,694 | 25,547,947 | ..... | ..... | 3,774,975 | 195,382 | 563,474 | 3,379,362 | 30,708 | 1,029,992 | 66,014,429 |
| 1903a. | ..... | ..... | ..... | ..... | 32,027,611 | ..... | 3,694,775 | 215,280 | 605,490 | 3,890,330 | 49,532 | 1,042,561 | 41,455,599 |
| 1904a. | ..... | ..... | ..... | ..... | 25,025,069 | ..... | 3,769,156 | 230,608 | 847,668 | 3,394,987 | 22,381 | 531,933 | 34,791,857 |
| 1905a. | ..... | ..... | ..... | ..... | 27,115,046 | ..... | 3,573,272 | 281,049 | 928,519 | 4,768,171 | 32,289 | 1,109,536 | 37,775,873 |
| 1906a. | ..... | ..... | ..... | ..... | 10,690,967 | 3,753,983 | 1,542,668 | 47,043 | 243,205 | 3,065,785 | 11,788 | 787,263 | 19,162,652 |
| 1907a. | ..... | ..... | ..... | ..... | ..... | 8,416,686 | 2,162,564 | 186,032 | 270,531 | 3,142,333 | 14,140 | 294,565 | 14,436,861 |
| 1908a. | ..... | ..... | ..... | ..... | ..... | 3,937,253 | 85,271 | 24,615 | 8,678 | 996,572 | 2,369 | 117,542 | 5,063,312 |
| 1909a. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 140,391 | 140,391 |
| Grand total. | 17,814,171 | 16,494,961 | 58,078,597 | 60,851,011 | 94,848,692 | 16,097,921 | 29,183,714 | 1,785,812 | 5,689,070 | 31,404,364 | 297,265 | 14,029,995 | 346,906,740 |

a. Besides the collections in the above table, there was collected in the first three years' operation of the law the sum of \$442,885 from interest on U. S. securities and property of citizens residing abroad, which taxes were soon repealed. The aggregate footings of 1893, 1894, and 1895 include these amounts, for which there was not room in the detailed table.

It may be interesting to compare these statistics with the following table of receipts from the income tax in Great Britain, where this tax has been continuous for the past thirty-four years, although constantly changing by Parliamentary legislation, in the percentage levied.

Great Britain's Receipts from Income Tax—1844-1878.

[Compiled from the Statistical Abstract of the United Kingdom].

| YEARS. | TOTAL REVENUE. | RATE ON £1 OF INCOME. | |
|------------|-------------------|-----------------------------|-----------------------------|
| | | Small Incomes. ¹ | Large Incomes. ² |
| | £ | | |
| 1844 | 5,888,000 | 0 pence = 0 per cent. | 7 pence = 3 per cent. |
| 1845 | 5,890,000 | 0 " = 0 " | 7 " = 3 " |
| 1846 | 5,183,000 | 0 " = 0 " | 7 " = 3 " |
| 1847 | 5,544,000 | 0 " = 0 " | 7 " = 3 " |
| 1848 | 5,613,000 | 0 " = 0 " | 7 " = 3 " |
| 1849 | 5,485,000 | 0 " = 0 " | 7 " = 3 " |
| 1850 | 5,565,000 | 0 " = 0 " | 7 " = 3 " |
| 1851 | 5,511,000 | 0 " = 0 " | 7 " = 3 " |
| 1852 | 5,440,000 | 0 " = 0 " | 7 " = 3 " |
| 1853 | 5,658,000 | 0 " = 0 " | 7 " = 3 " |
| 1854 | 5,780,000 | 5 " = 2 " | 7 " = 3 " |
| 1855 | 10,922,000 | 10 " = 4½ " | 14 " = 6 " |
| 1856 | 15,159,000 | 11½ " = 4½ " | 16 " = 6½ " |
| 1857 | 16,051,000 | 11½ " = 4½ " | 16 " = 6½ " |
| 1858 | 11,396,000 | 5 " = 2 " | 7 " = 3 " |
| 1859 | 6,610,000 | 5 " = 2 " | 5 " = 2 " |
| 1860 | 9,666,000 | 6½ " = 2½ " | 9 " = 3½ " |
| 1861 | 10,957,000 | 7 " = 3 " | 10 " = 4 " |
| 1862 | 10,471,000 | 6 " = 2½ " | 9 " = 3½ " |
| 1863 | 10,483,000 | 6 " = 2½ " | 9 " = 3½ " |
| 1864 | 9,102,000 | 7 " = 3 " | 7 " = 3 " |
| 1865 | 7,986,000 | 6½ " = 2½ " | 6 " = 2½ " |
| 1866 | 6,322,000 | 4½ " = 1½ " | 4 " = 1½ " |
| 1867 | 5,697,000 | 4½ " = 1½ " | 4 " = 1½ " |
| 1868 | 6,194,000 | 5½ " = 2 " | 5 " = 2 " |
| 1869 | 8,618,000 | 6½ " = 2½ " | 6 " = 2½ " |
| 1870 | 10,044,000 | 5½ " = 2 " | 5 " = 2 " |
| 1871 | 6,850,000 | 4½ " = 1½ " | 4 " = 1½ " |
| 1872 | 9,084,000 | 6½ " = 2½ " | 6 " = 2½ " |
| 1873 | 7,500,000 | 4½ " = 1½ " | 4 " = 1½ " |
| 1874 | 5,691,000 | 8½ " = 1½ " | 8 " = 1½ " |
| 1875 | 4,806,000 | 2½ " = 1 " " | 2 " = 1 " " |
| 1876 | 4,109,000 | 2½ " = 1 " " | 2 " = 1 " " |
| 1877 | 5,280,000 | 3½ " = 1½ " | 3 " = 1½ " |
| 1878 | 5,820,000 | 3½ " = 1½ " | 3 " = 1½ " |

1. £100 a year and under £150.

2. £150 a year and upwards.

3. With abatement of £60 on all incomes below £200.

4. With abatement of £30 on incomes under £300.

5. On incomes of above £150, with abatement of £120 on incomes between £150 and £400.

But the heaviest burden of taxation in the United States during the war period and the years immediately following, fell upon the productive industries of the country, and unquestionably had some share in leading to the state of things which produced the great financial revulsion and the prolonged industrial depression of 1873-78. The drain upon the resources of the country, though prodigious and unexampled, was, however, by no means in excess of

the public spirit, which sustained the Government in the crisis and under the strain of war. Congress was at first reluctant to impose a direct or internal tax, apprehending popular discontent, and perhaps overrating the effects of long exemption from taxation in a direct form. It was not until 1863 that the more profitable and far-reaching internal revenue taxes were imposed. On this point may be cited the following, from a paper by David A. Wells, Special Commissioner of Internal Revenue of the United States, from 1866 to 1869 :

"Everywhere the opinion was expressed that taxation in all possible forms should immediately, and to the largest extent, be made effective and imperative; and Congress devised a system of internal and direct taxation, which for its universality and peculiarities has probably no parallel in anything which has heretofore been recorded in civil history, or is likely to be experienced hereafter. The one necessity of the situation was revenue, and to obtain it speedily and in large amounts through taxation, the only principle recognized—if it can be called a principle—was akin to that recommended to the traditional Irishman on his visit to Donnybrook Fair, 'Wherever you see a head, hit it.' Wherever you find an article, a product, a trade, a profession, or a source of income, tax it! And so an edict went forth to this effect, and the people cheerfully submitted.

"Raw cotton was taxed at the rate of two cents per pound; salt was taxed at the rate of six cents per 100 pounds; tobacco from fifteen to thirty-five cents per pound; cigars from \$3 to \$40 per thousand; sugar from two to three and one half cents per pound. Distilled spirits were first taxed in 1863, at the rate of twenty cents per gallon; the next year, 1864, sixty cents; then \$1.50; and subsequently at \$3. But the most curious and complex taxes were those imposed on the various products of what may be termed ordinary manufacturing industry, the tax, by intent or construction, having been imposed first on the raw material, and then on the total or increased value, according to circumstances, on each successive stage of its elaboration up to the finished product. And, as if this was not enough, every manufacturer was also compelled to take out an annual license, while the goods produced, if sold by dealers or agents independent of the manufacturers, were subject to an additional tax of one tenth of one per cent., reckoned upon the amount of sales. This tax upon manufactures and products, with the exception of a few articles, was at first fixed, in 1864, at an average of *five* per cent.; but in 1865 the rate was increased uniformly twenty per cent., making the tax for most articles *six* per cent. Under the operation of this law, the Government actually levied and collected from eight to fifteen, and in some instances as much as twenty per cent. on every finished industrial product.

"In the case of books and pamphlets, it was proved by the New York Publishers' Association that, including the license and income taxes, the finished book and its constituent materials paid from fifteen to twenty separate and distinct taxes before it came to the reader—the paper and its constituents, the cloth, the glue, the starch, the leather, the slaughtered animal from whence the hide furnishing the leather was obtained, the dyes with which the cloth or leather was colored or stained, the thread, the gold-leaf, the type-metal, the type, and the machinery; and then, when the whole were combined, the finished book paid an additional tax of five per cent., which was levied, not upon the cost of manufacture, but upon the price at which the book was sold. In addition to all these, the manufacturer or publisher paid, for the privilege of doing business, an annual license tax, and an income tax of from *five* to *ten* per cent. on his profits, if he had any. In short, it was as if a frontier had been drawn about each individual article or product in the nation, across which nothing could pass without being submitted to a tax which was repeated at each border.

"We have said that the people of the United States submitted to such a system. They did more; for such was the fervor of patriotism and the determination to push the war to a successful issue, that they rejoiced in it; and during the continuance of hostilities there was no movement or protest attempted against the system which found any notable response among the masses. The country was rich, and its accumulated resources for nearly two generations had not been in any degree drawn upon by the national Government for extraordinary taxation. Wealth, moreover, was very uniformly distributed; and the people pointed with pride to the annually increasing receipts of revenue under the new system, which, starting with \$42,500,000 in 1863, rose rapidly to \$117,000,000 in 1864, \$211,000,000 in 1865, and culminated in 1866 with the large sum of \$310,000,000, making the total revenue for that year, drawn from all sources by taxation, *five hundred and fifty-nine millions*.

"So long, moreover, as the war lasted, the attempts to evade taxation were exceptional, and in amount inconsiderable. The demand for most manufactured and agricultural products, owing to the enormous consumption of the armies, and the withdrawal of labor, by enlistment, from its accustomed avocations, was fully equal to or in excess of supply; prices rose rapidly with every increase of taxation,

or additional issues of paper money; and, under such circumstances, the burdens of the war were not regarded by the majority of producers as oppressive."

Notwithstanding these facts, it is none the less true that when the stimulus, growing out of the war demand for products, and the rising markets, began to be withdrawn, and, more than all, when the paper-money expansion began to be succeeded by contraction, the whole attitude of the manufacturing and mercantile classes towards the system of taxation underwent a change. Impositions, which before were borne without complaint, and were even popular, became odious, and the public agitation, with a new demand for retrenchment and economy in the Government, compelled the repeal by Congress, first of the internal revenue taxes upon domestic manufactures; then of the larger share of stamp duties, and all the taxes upon provisions, sales, and licenses, except as to the dealers in spirits and tobacco; and, finally, of the entire tax upon incomes. These successive remissions of taxation were enacted in 1866-67-68. As the original vast system of taxation was enacted at wholesale, under the pressure of urgent necessity, to obtain the largest revenue within the shortest time, without regard to the effect upon the country's industries, or to the proper relation of the tariff to the internal revenue tax upon the same article, so the vast fabric of taxation, with all its complications, underwent a wholesale repeal, with but little regard to the adjustment of a sound, equitable, and permanent system. While Congress swept away direct taxes (including the entire tax upon incomes), which had brought over two hundred million dollars annually into the treasury, it permitted the enormous duties upon imported commodities to stand for years unrepealed, and, in many cases, undiminished. When the tariff was finally reduced by the legislation of 1872, tea and coffee, articles of semi-luxury, which are the source of abundant revenue, were wholly exempted from duty.

The experience of the United States in the raising of revenue corroborates the principle that it is not always the heaviest tax which produces the largest revenue. A notable illustration of this was found in the variations of tax upon distilled spirits. The following table of the successive raising and reduction of the tax, with the revenue gathered under each rate imposed, will be found instructive:

| FISCAL YEAR. | TAX ON SPIRITS. | REVENUE. | FISCAL YEAR. | TAX ON SPIRITS. | REVENUE. |
|--------------|------------------|-------------|--------------|-----------------|--------------|
| 1863..... | 20 cts. | \$5,176,530 | 1867..... | \$2.00 | \$33,542,952 |
| 1864..... | 20 to 60 cts. | 80,329,150 | 1868..... | 2.00 | 18,655,581 |
| 1865..... | \$1.50 to \$2.00 | 18,781,422 | 1869..... | 60 cts. | 45,071,231 |
| 1866..... | \$2.00 | 83,268,173 | 1870..... | 60 " | 55,606,094 |

What are the sources of taxation from which the present revenues of the United States are derived?

About three fifths of the amount for the support of the Government comes from the duties on imported commodities, and two fifths from internal revenue taxes. The latter are raised almost wholly from luxuries; spirits, fermented liquors and tobacco paying more than nine tenths of the internal revenue taxes. But in the taxes imposed upon imported commodities the rule is reversed, and the largest amount of revenue is derived, not from luxuries, but from articles classed among the necessities of life. An analysis of

the customs receipts of the United States shows that the largest share of revenue is derived from the following commodities :

| ARTICLES TAXED. | CUSTOMS DUTIES RECEIVED. |
|----------------------------------|-----------------------------|
| Cotton manufactures..... | \$6,730,000 |
| Wool and its manufactures..... | 20,359,000 |
| Flax and manufactures .. | 5,270,000 |
| Hemp and manufactures..... | 1,532,000 |
| Iron and steel manufactures..... | 3,778,500 |
| Earthen and crockery ware..... | 1,300,000 |
| Glass ware..... | 800,000 |
| Leather fabrics..... | 2,668,000 |
| Breadstuffs and provisions..... | 1,285,000 |
| Rice..... | 1,200,000 |
| Salt..... | 786,000 |
| Wood manufactures..... | 886,000 |
| Sugar and molasses..... | 37,081,000 |
| Tin and manufactures..... | 2,460,000 |
| | \$86,035,500 |

Here are over \$86,000,000 of revenue derived from commodities in universal use, out of a total revenue of \$131,000,000, in the year 1877, to which these figures apply. The same year, the articles of luxury which paid any considerable revenue into the Treasury were the following :

| ARTICLES TAXED. | CUSTOMS DUTIES RECEIVED. |
|---|-----------------------------|
| Diamonds, precious stones, and jewelry..... | \$196,000 |
| Dolls..... | 110,000 |
| Embroideries..... | 902,000 |
| Fans, feathers, flowers, etc..... | 829,500 |
| Furs and manufactures of..... | 491,000 |
| China ware, decorated..... | 334,000 |
| Glass, plate and decorated..... | 1,000,000 |
| Marble and its manufactures..... | 271,000 |
| Musical instruments..... | 172,000 |
| Opium..... | 285,000 |
| Paintings and statuary..... | 89,000 |
| Papier maché wares..... | 391,200 |
| Silk and silk manufactures..... | 12,800,600 |
| Spices, etc..... | 820,000 |
| Spirits and wines..... | 5,627,996 |
| Tobacco and cigars..... | 4,364,000 |
| Toys..... | 125,400 |
| Watches..... | 238,593 |
| | \$29,097,288 |

It results from the above figures, which are fairly representative of the general average of duty collected from articles of luxury and necessity (omitting a multitude of minor articles), that much the larger percentage of the whole revenue is derived from articles entering into general consumption among the people.

Under the high tariff imposed during the pressure of war necessities, and not heavily reduced for the past fifteen years, the average duty on all dutiable commodities has been rather over than under 40 per cent *ad valorem*. The following table will show the percentage on the gross importations charged with tariff duties from the year 1821 to 1878, inclusive, the figures being from the tables published by the Treasury Department :

CUSTOMS REVENUE OF THE UNITED STATES.

A Comparative Statement showing the Customs Revenue, Amount of Dutiable and Free Goods Imported, and the Average Rate of Duty in each Year from 1821 to 1877, inclusive.

[From the Official Reports on Commerce and Navigation.]

| YEAR. | Receipts from Customs. | Imports. | | | Per cent on Dutiable | Per cent on Aggregate. |
|-----------|------------------------|--------------|--------------|------------------------|----------------------|------------------------|
| | | Free. | Dutiable. | Total Amount Imported. | | |
| 1821..... | \$18,475,704 | \$10,082,513 | \$52,503,411 | \$62,585,724 | 35.6 | 29.5 |
| 1822..... | 24,066,066 | 7,298,708 | 75,942,893 | 83,241,541 | 31.7 | 28.9 |
| 1823..... | 22,402,024 | 9,048,288 | 68,530,079 | 77,579,267 | 32.7 | 28.8 |
| 1824..... | 25,486,817 | 12,563,773 | 67,985,234 | 80,549,007 | 37.5 | 31.6 |
| 1825..... | 31,653,871 | 10,947,510 | 85,392,565 | 96,340,075 | 37.1 | 32.8 |
| 1826..... | 26,083,863 | 12,567,739 | 72,406,708 | 84,974,477 | 34.6 | 30.7 |
| 1827..... | 27,948,957 | 11,855,104 | 67,628,964 | 79,484,068 | 41.3 | 35.1 |
| 1828..... | 29,951,252 | 12,379,176 | 78,130,648 | 88,509,824 | 39.8 | 33.8 |
| 1829..... | 27,688,701 | 11,805,501 | 62,687,026 | 74,492,527 | 44.3 | 37.1 |
| 1830..... | 28,389,505 | 12,746,245 | 58,130,675 | 70,876,920 | 48.8 | 40 |
| 1831..... | 36,596,118 | 13,456,625 | 89,734,490 | 103,191,124 | 40.8 | 35.4 |
| 1832..... | 29,341,176 | 14,249,453 | 86,779,813 | 101,029,266 | 33.8 | 29 |
| 1833..... | 24,177,578 | 32,477,950 | 75,670,861 | 108,118,311 | 31.9 | 22.4 |
| 1834..... | 18,960,706 | 68,393,180 | 58,128,152 | 126,521,332 | 32.6 | 15 |
| 1835..... | 25,890,727 | 77,940,493 | 71,955,240 | 149,895,742 | 36.0 | 17.2 |
| 1836..... | 30,818,328 | 92,056,481 | 97,923,554 | 189,980,035 | 31.6 | 16.2 |
| 1837..... | 18,134,131 | 69,250,081 | 71,739,186 | 140,989,217 | 25.3 | 12.4 |
| 1838..... | 19,702,825 | 60,860,005 | 52,857,399 | 113,717,404 | 37.8 | 17.8 |
| 1839..... | 25,554,534 | 76,401,792 | 85,690,340 | 162,092,132 | 29.9 | 15.8 |
| 1840..... | 15,104,791 | 57,196,204 | 49,945,315 | 107,141,519 | 30.4 | 14.1 |
| 1841..... | 19,919,492 | 66,019,731 | 61,926,446 | 127,946,177 | 32.2 | 15.6 |
| 1842..... | 16,662,747 | 30,627,486 | 69,534,601 | 100,162,087 | 23.1 | 16.6 |
| 1843..... | 10,206,000 | 35,574,584 | 29,179,215 | 64,753,799 | 35.7 | 15.7 |
| 1844..... | 29,236,357 | 24,766,881 | 83,668,154 | 108,438,035 | 35.1 | 26.9 |
| 1845..... | 30,952,416 | 22,147,840 | 95,106,724 | 117,254,564 | 32.5 | 26.4 |
| 1846..... | 26,712,668 | 24,767,739 | 96,924,058 | 121,691,797 | 26½ | 21.9 |
| 1847..... | 23,747,865 | 41,772,636 | 104,773,002 | 146,545,638 | 22½ | 16.2 |
| 1848..... | 31,757,071 | 22,716,603 | 132,282,325 | 154,998,928 | 24 | 20.4 |
| 1849..... | 28,346,739 | 22,377,665 | 125,479,774 | 147,857,489 | 23 | 19.2 |
| 1850..... | 39,668,686 | 22,710,382 | 145,427,936 | 178,138,318 | 25.2 | 22.3 |
| 1851..... | 49,017,568 | 25,106,587 | 191,118,345 | 216,224,932 | 26 | 22.6 |
| 1852..... | 47,339,326 | 29,692,534 | 183,252,508 | 212,945,442 | 26 | 22.2 |
| 1853..... | 58,931,865 | 31,383,534 | 236,595,113 | 267,978,647 | 25 | 22 |
| 1854..... | 64,224,190 | 33,285,821 | 271,276,560 | 304,562,381 | 23.5 | 21.1 |
| 1855..... | 53,025,794 | 40,090,326 | 221,378,184 | 261,468,520 | 28 | 30.8 |
| 1856..... | 64,022,863 | 56,955,706 | 257,684,236 | 314,439,942 | 25 | 20.8 |
| 1857..... | 63,875,905 | 66,729,906 | 294,160,835 | 360,890,141 | 21.5 | 17.7 |
| 1858..... | 41,789,621 | 80,319,275 | 202,298,875 | 282,613,150 | 20 | 14.8 |
| 1859..... | 49,565,824 | 79,721,116 | 259,047,014 | 338,768,180 | 19 | 14.6 |
| 1860..... | 53,187,511 | 90,841,749 | 279,872,327 | 362,166,254 | 19 | 14.7 |
| 1861..... | 39,582,126 | 117,469,962 | 218,180,191 | 335,650,153 | 18.14 | 11.79 |
| 1862..... | 49,056,398 | 69,136,705 | 136,635,024 | 205,771,729 | 35.90 | 28.84 |
| 1863..... | 60,059,642 | 44,826,029 | 208,093,891 | 252,919,920 | 33.19 | 27.30 |
| 1864..... | 102,316,153 | 54,241,944 | 275,320,951 | 329,562,895 | 37.16 | 31.04 |
| 1865..... | 84,928,260 | 54,329,583 | 194,226,064 | 248,555,652 | 43.75 | 34.17 |
| 1866..... | 179,046,630 | 69,728,618 | 375,783,540 | 445,512,158 | 47.65 | 40.19 |
| 1867..... | 176,417,811 | 45,203,970 | 372,627,601 | 417,831,571 | 47.84 | 42.22 |
| 1868..... | 164,464,599 | 29,379,149 | 342,245,650 | 371,624,808 | 48.06 | 44.25 |
| 1869..... | 180,048,427 | 41,454,563 | 395,859,687 | 487,314,255 | 45.48 | 41.17 |
| 1870..... | 192,878,265 | 46,508,795 | 415,845,856 | 462,354,651 | 46.87 | 41.71 |
| 1871..... | 206,270,408 | 57,857,761 | 483,635,947 | 541,493,708 | 42.64 | 38.11 |
| 1872..... | 216,370,287 | 61,010,902 | 579,327,864 | 640,338,766 | 37.84 | 33.77 |
| 1873..... | 188,099,523 | 166,296,321 | 497,320,326 | 663,617,147 | 37.62 | 28.34 |
| 1874..... | 163,103,834 | 180,117,061 | 415,748,693 | 595,865,754 | 39.00 | 27.54 |
| 1875..... | 157,167,722 | 167,255,005 | 379,795,113 | 547,060,118 | 41.58 | 28.73 |
| 1876..... | 148,071,985 | 156,298,594 | 380,879,277 | 476,677,871 | 46.81 | 31.06 |
| 1877..... | 130,956,498 | 181,528,351 | 298,969,238 | 480,517,489 | 43.79 | 27.25 |
| 1878..... | 130,170,680 | 171,099,579 | 295,773,907 | 466,872,846 | 44.01 | 27.88 |

NOTE.—The percentages of duty are only approximately, not absolutely, correct, the rates being computed for the earlier years upon the gross value of merchandise, etc., imported, instead of upon the value of goods entering into consumption in the respective years.

The other great branch of revenue for the general Government—the internal revenue receipts—shows the following proportions derived from the various objects of taxation for the fiscal year 1878 :

| | | |
|------------------------|---------------|----|
| Spirits..... | \$50,420,815 | 80 |
| Fermented liquors..... | 9,937,051 | 78 |
| Tobacco..... | 40,091,754 | 67 |
| Adhesive stamps..... | 6,380,405 | 13 |
| Banks and bankers..... | 3,492,031 | 85 |
| Penalties, etc..... | 775,666 | 26 |
| Total..... | \$111,097,725 | 49 |

This shows that 90 per cent of the entire internal taxation of the Federal Government is levied upon articles of luxury, while the remainder, or about 10 per cent, is derived from the commercial and financial transactions of the people. Out of the small still remaining taxes by stamp duties, less than $2\frac{1}{4}$ per cent of the whole amount of revenue is from the tax on matches, while 3 per cent comes from check stamps, perfumery, medicines, or preparations of all kinds. The share of internal taxes, therefore, which can be regarded as compulsory is excessively small ; the taxes on liquors and tobacco (with the single exception of such amount of spirits and alcohol as are used in the arts) belong wholly to the category of voluntary taxes. It may be stated in general terms that while the larger share of tariff taxation in the United States is compulsory, and must be paid for by all consumers of commodities, nearly the whole internal revenue taxation, on the other hand, is voluntary, and can be escaped by those who choose to do without certain luxuries.

One very important point in the revenue system is the cost of collection, and this is largely dependent, so far as regards customs, upon the number and variety of articles subjected to duty, and the simplicity or intricacy of the classification and valuation adopted for the purpose of bringing commodities to contribute revenue to the Treasury. Formerly the very extensive and complicated list of articles taxed increased the cost of collection, by necessitating the employment of large numbers of appraisers and other officers in the custom-houses. Accordingly, we find from the annual reports of the Treasury giving the expense of custom-house collection, that the cost of collecting the revenue for the last fifty years has varied from three per cent to eleven per cent on the gross amount collected. The cost of the custom-houses (87 in number) for the fiscal year 1877 was \$7,335,615 ; the amount of revenue collected was \$130,956,493, showing that the expense of collection was very nearly 6 per cent. In the collection of internal revenue taxes, the articles taxed being now comparatively few, and the number of officers employed having been largely reduced of late years, the cost of collection is proportionately small. It is stated, in the annual reports of the Commissioner of Internal Revenue, to have been about $3\frac{1}{4}$ per cent for the fiscal year 1877, and 3.69 per cent in 1878, on the gross amount collected.

In Great Britain, the cost of collecting the revenue from customs, according to the Statistical Abstract of the United Kingdom, has averaged from $4\frac{1}{4}$ to 5 per cent on the amount of revenue collected during the past fifteen years. The expense of collecting the inland revenue, during the same period, has averaged from $3\frac{1}{4}$ to 4 per cent on the gross receipts.

In regard to taxation under State governments, the wide diversity of the systems and the constant changes in legislation constitute a chaos which it would require the most laborious and protracted study, and the most careful tabulation, to reduce to order. In several States, commissions on the tax system have been appointed at various times within the last ten years, and their reports, while far from comprehensive, have embodied valuable information and instruction. These reports, as well as the writings of those who have treated the question of taxation in the public press and elsewhere, go to show the evils, contradictions, and inequalities of existing systems of State taxation. They also establish the fact that in no State are the laws laying the taxes upon property executed with success. One of the most elaborate reports on this subject is that prepared by the commissioners appointed by the State of New York in 1870, to revise the laws for the assessment of taxes, of which commission David A. Wells was chairman. These reports, published in 1871-72, set forth the great necessity for reform in the tax system of New York. They showed that the existing tax laws had in view very little more than to include in the range of assessment a large number of productive items, without considering the influence of local taxation on the cost of production, the progress of the State, or the equitable distribution of the burdens of the Government. Notwithstanding a State law requiring the assessors of property to make oath that they had estimated the full and true value of all property at rates at which they would appraise the same in payment of a just debt, it was shown that a competition existed between the assessors of counties, and the cities and towns in each county, for the least possible valuation. The State tax being apportioned among the counties on the basis of their respective valuations, it follows that the county exhibiting the smallest schedule of property would be subjected to the least tax. The result was seen in the fact that while some assessors approximated to within 50 or 60 per cent of the real value of the property, the rate in a majority of the counties varied from 25 to 35 per cent of the true worth of property, while in some instances the assessors' valuation for the purposes of taxation went as low as 20 per cent of the real value. "In short," says the report, "there cannot probably be found a single instance in the whole State, unless possibly in the property of non-residents, where the law respecting the valuation of real property is fully complied with, and where the oaths of the assessors are not wholly inconsistent with the exact truth."

But great as were the inequalities, and enormous as became the exemptions, under the valuation and assessment of real property, those which prevailed in respect to personal property were much greater. It has been laid down as a principle by some economic writers that the market value of the aggregate of land, and that of the aggregate productive capital, are about equal. Certainly, in densely populated States like New York, Massachusetts, etc., the two separate aggregates of property classed as real and personal must nearly approximate each other in actual value. Yet the assessed valuation for the purposes of taxation universally shows a prodigious discrepancy. Take, for example, the amount of taxable property as assessed in the following large States for the year 1877 :

| STATES. | Real property. | Personal property. | Per cent borne by real estate. | Per cent borne by personal property. |
|--------------------|----------------|--------------------|--------------------------------|--------------------------------------|
| | \$ | \$ | | |
| California..... | 454,641,811 | 140,431,866 | 76.40 | 28.60 |
| Illinois..... | 931,199,806 | 197,291,421 | 82.60 | 17.40 |
| Indiana..... | 638,246,860 | 222,362,781 | 74.16 | 25.84 |
| Massachusetts..... | 1,191,499,228 | 508,965,487 | 70.00 | 30.00 |
| New York..... | 2,876,252,178 | 879,458,140 | 86.06 | 13.95 |
| Ohio..... | 1,064,796,732 | 490,524,810 | 68.96 | 31.04 |
| Tennessee..... | 212,228,546 | 24,354,206 | 89.71 | 10.29 |
| Virginia..... | 242,756,548 | 78,560,940 | 75.55 | 24.45 |
| Wisconsin..... | 274,417,878 | 77,362,481 | 78.01 | 21.99 |

It will be observed that in not a single instance does the valuation of personal property, or the amount of revenue raised therefrom, approximate that contributed by real estate. In no case is the value attributed to capital so much as 50 per cent of that of land, while in the case of New York, which is known to be the largest State in the Union, in its concentration of capital, the latter is valued at less than 17 per cent of the value of real estate. The same remark holds good with regard to city valuations, where we find the ratio of personal to real property sometimes strangely disproportionate. In Brooklyn, for example, the ratio of personal property taxed was to real as 1 to 10.46; in Buffalo it is 1 to 4.38; in Chicago, 1 to 3.86; in New York City, 1 to 2.42; in Boston, 1 to 1.67; and in Cincinnati, where a more equal system of valuation seems to have prevailed, the ratio of personal to real property was assessed as 1 to 1.23.

In Massachusetts, the only State which publishes in full detail its valuation, the assessments of several of the smaller cities actually exhibit an aggregate of personal property in excess of real estate; New Bedford, for example, showing a proportion of fourteen dollars personal property to eight dollars in real estate, while in many others the approximation in valuation of the two classes of property is very close. Massachusetts is said to be the most successful State in the Union in executing the law of taxation, which is built upon the theory of subjecting all real and personal property to a uniform rule of assessment and taxation. Yet in Massachusetts the most expert assessors testify that of the personal property of citizens subject to taxation, fully one third escapes assessment. All kinds of evasions and subterfuges, to say nothing of flat perjury, are resorted to, to escape the tax-gatherer. In 1878, in one of the suburbs of Boston, a citizen dying, who had been taxed for some years on \$75,000 of personal property, assumed by the assessors as the amount of his capital (he refusing to make a sworn return), was found to be possessed of bonds and other moneyed assets to the amount of over \$600,000. He had successfully avoided taxation on more than half a million of property for a series of years, and upon discovery, and the subjection of his estate to the full operation of the tax laws, so great a change was made in the tax duplicate of the town as to reduce the tax of every other citizen by about one half per cent.

In Illinois, the Chicago Board of Trade published the statement that the valuations of property for taxation are not more than one quarter the actual cash value of the property assessed; and this notwithstanding the law requires all property to be assessed and taxed at its actual value. In the midst of the great practical difficulties of enforcing taxa-

tion upon personal property, a kind of property that is easy of transfer, and the value of which it is difficult and even impossible to arrive at, there have not been wanting those who advocate the levying of all taxes directly upon real estate, without attempting to subject personal property to taxation. The statement is made that in no other nation but in the United States do governments levy a direct tax on personal property in the possession of individuals; that such an attempt is beyond any power in the Constitution, and cannot be effected with any degree of equality; that the chief burdens of taxation upon personal property fall upon those possessed of comparatively little means, while the very rich almost invariably contrive to escape the tax-gatherer; that governments necessarily fail to collect large portions of the tax levied, from want of tangible security or property subject to distraint; that all faithful enforcement of such laws is, in its very nature, inquisitorial and arbitrary, subjecting the citizens to the caprice, or favoritism, or animosity, of the officers of the law; that the attempt to enforce personal property taxation opens the widest possible door to perjury, offers a direct premium upon falsehood and dishonesty, and ends in complete failure to secure the object of the tax system, which is equality and certainty in the assessment and collection of the tax. Many attempts have been made to render the present tax laws of States more effective by rendering them more stringent. The legislation of Massachusetts and Illinois may be cited as examples of this, but the testimony already adduced evinces that the endeavor has not been wholly successful. It is alleged by the opponents of personal taxation, that such laws cannot be made operative without making them far more stringent and severe, investing assessors with almost arbitrary powers of inquiry, and even of fine or punishment; that some central authority must be created to prevent, or to punish, under the most stringent penalties, not only the evasions of tax-payers, but the derelictions of the assessors and tax-gatherers themselves. It is further asserted that the use and value of oaths as a matter of restraint or a guarantee of truth in respect to official statements must be wholly abandoned, at least so far as regards the sworn statements of owners of property. An oath, it is said, in respect to matters in which the Government is a party, is required as a mere matter of form, and a mechanical procedure, and its violation with a mental reserve is not felt to be a crime. We are pointed to the fact that the assessors of every State continually make oath, and renew the perjury every year, that they have valued all property for assessment at its actual value.

Another point made by the opponents of personal property taxation is, that a uniform system, subjecting personal property to tax, requires that all mortgages of real estate should pay the same rate as all other securities, and this, while the real estate itself is taxed, becomes a double taxation. Its effect, it is alleged, is either to drive away the capital, which would otherwise be loaned upon real estate, or to largely increase the burdens of borrowers, the capitalist charging higher interest, or otherwise recouping himself on mortgage loans for the tax he is compelled to pay. The effect of this, it is declared, is to enhance the price of money, and discourage enterprise, subjecting borrowers, who would otherwise develop the industries and resources of the State they live in, to burdens and discouragements they are ill able to bear.

On the other hand, the advocates of personal property taxation allege with much force, that the only equitable rule is one which subjects all classes of property alike; that the contribution by every citi-

zen to the expenses of the State, in proportion to his ability, is just, and must be recognized everywhere ; that to exempt personal property from taxation would be to exempt the capitalist, whose possessions are not in the form of real estate, from all taxation whatever ; that such an exemption would be in the highest degree unjust, and oppressive upon the owners of real estate ; that it would further tax farmers and small proprietors by just so much more as the ratio of personal property exempted bore to the real estate in the commonwealth ; that it would, in effect, reverse the rule sometimes insisted upon, that wealth should bear the largest share of taxation, and would compel the poorer men to bear the burdens of the richer ; that such a system would induce capitalists to put all their property into the form of stocks, bonds, money, and other securities, thus tending to form a great money-lending class, and withdrawing capital from fixed forms of investment, from the improvement of cities and towns, and from the channels of active enterprise.

It has been suggested as a compromise between these two opposite views that all capital invested in corporations, whether railroad, mining, insurance, banks, carrying companies, or manufacturing and commercial companies, might be taxed ; and that real estate taxation might be so modified as to assess and collect the taxes upon rents, rather than upon the fluctuating valuations which prevail in the States under the present laws and unsuccessful system. It is alleged in behalf of this scheme, that taxes upon corporations are more easily and inexpensively collected, and can be diffused with less burden through the community, than almost any other tax. It is claimed that taxing the rental value of all premises would, for the first time, bring real estate to a substantially uniform and just valuation. This system prevails in England and France, where almost all classes of personal property are left untaxed, and upon the ground that the enforcement of any general taxation of money or credits is impossible. In lieu of such tax, Great Britain derives an extraordinarily large share of its revenue from luxuries, the excise tax on spirits of all kinds having been maintained for years at ten shillings a gallon, while the duty on imported liquors is ten shillings and fivepence, or about \$2.50 per gallon. Of the 350 to 400 million dollars in round numbers, annually raised in the form of revenue by Great Britain, the sum of over 200 millions of dollars is raised on alcoholic drinks and tobacco alone. The various classes of property and consumption pay the following proportions, as calculated by R. Dudley Baxter, in his work on the Taxation of the United Kingdom :

| | |
|--|-------------|
| Taxes on expenditure solely (spirits, wines, tobacco, tea, coffee, and sugar)..... | £48,084,000 |
| Taxes on expenditure (plate, dogs, race-horses, windows, etc.)..... | 8,324,000 |
| Taxes on income and property..... | 7,488,000 |
| Taxes on trades, professions, and intercourse (public conveyances, liquor licenses, mercantile and other trades).... | 6,560,000 |
| Taxes payable out of capital (probate, legacy, and successions duty, and stamps on deeds)..... | 6,258,000 |
| Total | £67,014,000 |

As to the relative proportions of taxation borne by different classes of population in England, Mr. Baxter calculates that while the upper and middle classes pay £54,000,000 of revenue annually for the support of the Government, the manual-labor classes pay only £29,112,000. In other words, while capital and well-to-do industry and commerce pay two thirds, labor in its cruder forms pays only one third.

It may be suggested, however, that Mr. Baxter's figures are a little deceptive; since he places the whole tax on land and houses (amounting to some £1,700,000) in the category of taxes paid by the upper and middle classes, while the manual-labor class are exempt. Yet no fact is better capable of demonstration than that taxes on lands and houses are paid at last by the tenants, or by labor.

In the State of New York, the commissioners to revise the laws regarding taxation reported a code, carrying into effect a radical change in the whole system of valuation and taxation in regard to real estate and personal property. The leading features of this proposed scheme were:

1. The exemption of personal property from taxation, except that of corporations created by the State, whose franchises are in the nature of a monopoly.

2. The taxation of land, exclusive of buildings, at a uniform valuation of 50 per cent of its true market value.

3. The taxation of buildings, conjointly with land as real estate, at a uniform valuation; and then, as an equivalent for all taxation on personal property, a tax upon the occupant, whether owner or tenant of any building, on a valuation of three times the rental of the premises occupied. This proposed plan of taxation has not been carried into effect by the requisite legislation.

Meanwhile the sentiment is growing in nearly all the States that the question of taxation is the most vital one of the time. The prodigious expenditure during the last fifteen years of all our governments, National, State, County, and municipal, has been such as not only to create great debts, with consequently enhanced burdens of taxation, but to expend the money raised directly from the tax-payers in vast and before unheard-of public improvements. In the item of public buildings alone, Congress has appropriated above \$45,000,000 since 1865, or more than twice as much as had been expended for such purposes during the whole existence of the Government from 1789 to the close of the war. Some of the States and cities have scarcely been behind in the magnitude and costliness of public buildings—witness the new State House of New York, at Albany, and the unfinished City Buildings of Philadelphia. Many State asylums for the insane have been constructed on a scale which has brought the cost of lodging paupers greatly above the average expense of lodging in the best hotels or more elegant private houses. All kinds of railroad enterprises, street improvements, etc., have been carried on upon a scale so extensive as to burden the citizens with taxes amounting in some cities almost to confiscation of property. State and municipal extravagance (sometimes combined with fraud) have wrung some hundreds of millions of dollars from the people, which it is not too strong a statement to say might far better have remained in the pockets of the tax-payers than to have been lavished or squandered upon the costly fixed investments which have absorbed it.

The fact is becoming more widely appreciated that the State owes to all its citizens, not only that they should be taxed equally, but that all unnecessary taxation should be avoided. The injustice of taxing mortgages is evident upon the simple statement, that the land mortgaged has been once taxed as real estate, and when the State imposes in addition a tax upon the money loaned upon the land, the mortgagee collects the amount from the mortgagor, thus making the latter pay double. In Massachusetts, by a recent official statement, there are 108,500 laborers owning houses, 46,000 of which are mortgaged

to an average amount of \$1000 each. The State and local taxes being about two per cent, the enormous sum of one million dollars is yearly taken from the savings of the men who are struggling to pay for their places, while the unfair exemption of much money deposited in savings banks is perpetuated. It results that the working-man who has \$1000 in a house, and has borrowed another thousand dollars on mortgage, is taxed \$44, while another working man who has \$1000 in the bank is taxed only \$7.50; and this is but one among many of the not less glaring inequalities of taxation.

Among the many different objects of taxation of which governments may avail themselves without serious oppression, or obstructing the industries of the people, may be classed taxes on simple luxuries, on legacies, successions, dividends, incomes, carriages, dogs, plate, and certain employments. Among taxes which, though readily collected, may be in practice the most burdensome, are taxes on the means of living, on mortgages, on ordinary manufactures and commercial sales, and, in certain communities, capitation taxes. The great leading resource of all our State governments for raising taxes, is found to be real estate, or landed property and the buildings and improvements thereon. In a portion of the States a poll tax of one dollar or two dollars is levied on each citizen of the legal age for voting, and is sometimes made a condition precedent to the exercise of the elective franchise.

As to the amount of State taxation, and the percentage levied upon property, the variations in the different States are very great, as may be seen by consulting the table in another place of State valuation and taxes. The percentage levied for State taxes varies from ten cents on each one hundred dollars (or one tenth of one per cent) in Tennessee, to one dollar on each one hundred, or one per cent, in South Carolina. This is for State purposes merely; but the taxation by counties, cities and towns, when added, so swells the amount that the citizens in no part of the country that is well populated escape with less than one and one quarter to one and one half per cent tax on the valuation of their property, while in some ambitious cities taxes have been carried up to the enormous rate of between four and five per cent. The average, in the more thickly settled parts of the country, may be fairly stated at two per cent; and this of course is exclusive of all taxes paid to the general Government, which are levied almost wholly upon consumption.

THE CLIMATES OF THE UNITED STATES.

THE vast extent of territorial domain occupied by the United States, gives to it a greater variety of climate than that of any other single country on the globe. While there are countries whose territory stretches over more degrees of latitude in a continuous line, there are but one or two approximating it in the breadth of its domain from east to west, measured by degrees of longitude. Nor is there any which affords by differences of elevation and conformation of land and water greater elements of climatic changes. The influence of our great longitudinal chains of mountains alone, including the great Appalachian chain in the east, the Rocky Mountains, the Sierra Nevada and the Cascade range in the west, upon the climate of the States and Territories is prodigious. While the valleys between these mountains are often reservoirs of heat, the sides and summits of the mountains themselves yield a temperature far below that of the plains and table-lands in similar latitudes.

It may be said, almost without exaggeration, that the United States possesses all climates, from those of the frigid zone up to those of the torrid. The mean annual temperature ranges from summer heat, or 76° Fahrenheit in Florida, to 36° on the elevated plains of Minnesota, which latter may be said to represent the coldest regions of the United States. The American citizen may thus choose his climate, and need only possess the means of transit and the willingness to labor to enable him to settle in a country where it is almost perpetual summer, and the fruits of the tropics grow around him in rich profusion ; or in a region where the colder clime will brace his energies to steady struggle with the great forces of nature. Without changing his relations to government or laws (save in the insignificant differences that subsist between the legislation of the different States), the American citizen may go from clime to clime, according as his taste or his necessities may impel him. The traveller, too, in search of perpetual spring, may take up his carpet-bag and go from the balmy January or February of Florida or Louisiana, northward through every State until he finds the spring late in May or early June breaking into bud upon the bleak and rock-bound shores

of Maine. Reversing his course, he may travel southward, and, leaving the short-lived northern summer behind him, find a medium temperature of delicious moderation in the Middle States in October and November, which the far Southern States will continue for him all through the winter.

The mountains of the United States, though inferior in height to the great overtopping summits of the Himalayas or to the noted peaks of South America, are equal in elevation to any on the Continent of Europe. While Mont Blanc, the monarch of mountains, pierces the sky to the height of 15,732 feet, Mount St. Elias, in Alaska, rises yet higher, to the elevation of 17,876 feet in the air. California has two mountains, Shasta and Tyndall, 14,400 feet each, closely approximating the Matterhorn, which is 14,710 feet. Colorado has no less than nine distinct peaks rising to a height of 14,000 feet and upwards above the sea level, on any of which the enterprising and adventurous explorer may climb nearly as far towards heaven as he could possibly get in Switzerland. Among the less elevated mountain ranges of the Eastern States, it was long supposed that the White Mountains were the loftiest, and many geographical books still repeat this erroneous information. Modern measurements, however, have shown that the peaks of the Black Mountains in North Carolina overtop Mount Washington by a few hundred feet. The Black Dome rises to the height of 6760, Mitchell's Peak to 6576 feet above the sea level, and eleven other North Carolina mountains exceed 6300 feet, while the elevation of Mount Washington is only 6288 feet.

In the recently published tables of the atmospheric temperature in the United States, made up from all existing accessible observations by the Smithsonian Institution, many facts are recorded of the highest interest regarding the effects of elevation, ocean currents, valley isolation, etc., upon temperature. Thus it is given as a result of comparative observations, derived from a large variety of places, through long periods of time, that the temperature falls one degree for every rise above the earth's surface of 250 to 500 feet. At the top of a mountain 5000 feet high, therefore, the thermometer would indicate from ten to twenty degrees lower temperature than at its base, this large range of variation being affected by many collateral circumstances in different places. Among the circumstances which modify temperature the most powerfully, are to be reckoned the dampness or dryness of the atmosphere, the slope of the elevation, the condition of the surface, as wooded or barren, etc. In the eastern part of the United States the distribution of heat is far more uniform than in the western. This is indicated by the isothermal lines running between forty-four and sixty-eight degrees of temperature, which follow with approximate uniformity the parallels of latitude. In the Western United States, on the contrary, there is great irregularity in the distribution of heat and cold, the climate of California being

quite abnormal, and exhibiting an undue degree of cold in summer and of heat in winter. In the coast regions of California (notably in San Francisco Bay), under the influence of a brisk sea-breeze, the rays of even a high sun at noonday fail to impart any appreciable heat to the air.

We give below a table prepared by selection from the voluminous records of the recent work on American temperature, showing the mean annual temperature of the atmosphere at a given point in each of the forty-nine States and Territories of the Union. The place is selected as either the capital or some leading city or town where observations have been most continuously kept :

| State or Territory. | Place of observation. | Mean annual temperature. | State or Territory. | Place of observation. | Mean annual temperature. |
|---------------------|-----------------------|--------------------------|---------------------|-----------------------|--------------------------|
| Alabama..... | Mobile..... | 66° | Mississippi | Jackson..... | 64° |
| Alaska..... | Sitka..... | 46° | Missouri..... | St. Louis..... | 55° |
| Arizona..... | Tucson..... | 69° | Montana..... | Helena..... | 48° |
| Arkansas..... | Little Rock..... | 63° | Nebraska..... | Omaha..... | 49° |
| California..... | San Francisco..... | 55° | Nevada..... | C'p Winif'd Scott | 50° |
| Colorado..... | Denver..... | 48° | New Hampshire | Concord..... | 46° |
| Connecticut..... | Hartford..... | 50° | New Jersey..... | Trenton..... | 53° |
| Dakota..... | Fort Randall..... | 47° | New Mexico..... | Santa Fé..... | 51° |
| Delaware..... | Wilmington..... | 53° | New York..... | Albany..... | 48° |
| Dist. Columbia. | Washington..... | 55° | North Carolina. | Raleigh..... | 59° |
| Florida..... | Jacksonville..... | 69° | Ohio..... | Columbus..... | 53° |
| Georgia..... | Atlanta..... | 58° | Oregon..... | Portland..... | 53° |
| Idaho..... | Fort Boise..... | 52° | Pennsylvania .. | Harrisburg .. | 54° |
| Illinois..... | Springfield..... | 50° | Rhode Island... | Providence..... | 48° |
| Indiana..... | Indianapolis..... | 51° | South Carolina. | Columbia..... | 62° |
| Indian Territ'y. | Fort Gibson..... | 60° | Tennessee..... | Nashville..... | 58° |
| Iowa..... | Des Moines..... | 49° | Texas..... | Austin..... | 67° |
| Kansas..... | Leavenworth..... | 51° | Utah..... | Salt Lake City .. | 52° |
| Kentucky..... | Louisville..... | 56° | Vermont..... | Montpelier..... | 43° |
| Louisiana..... | New Orleans..... | 69° | Virginia..... | Richmond..... | 57° |
| Maine..... | Augusta..... | 45° | Washington T. | Steilacoom..... | 51° |
| Maryland..... | Baltimore..... | 54° | West Virginia.. | Romney..... | 52° |
| Massachusetts.. | Boston..... | 48° | Wisconsin..... | Madison..... | 45° |
| Michigan..... | Detroit..... | 47° | Wyoming..... | Fort Bridger..... | 41° |
| Minnesota..... | St. Paul..... | 42° | | | |

It will readily be gathered from the above that the warmest climates in the Union are Louisiana and Florida, at New Orleans and Jacksonville, as shown in the mean temperature of 69° for the year, while the coldest is that of Minnesota, whose mean temperature goes as low at St. Paul as 42°, being colder by 4° than Sitka, in the far northern Territory of Alaska. In the latter case, however, the severity of the seasons is tempered by the warm Pacific waters, giving a milder mean temperature for the year than either Vermont, Maine, Wisconsin, or Wyoming possesses.

THE WORLD'S STOCK OF THE PRECIOUS METALS.

[Freely translated and condensed from the *Économiste Français*, Sept. 14 and 21, 1878.]

In two notable articles recently published in the *Revue des Deux Mondes*, two publicists of opposite schools have discussed the question of the precious metals, their relative abundance in the past, present, and future, and the effect of an increase or decline in the production of gold and silver upon prices. In one of these articles, by M. Emile de Laveleye, who is an advocate of bi-metallic money, it is attempted to show that the world's stock of the precious metals, so far from increasing, is constantly decreasing. M. de Laveleye estimates the entire annual production of gold and silver at 850,000,000 francs (\$170,000,000), and he maintains that a decline in the production of gold and silver mines has set in which must soon result in a deficiency of metallic money for the wants of the world's commerce, resulting in a great and general fall in the prices of merchandise, to take place before the close of the nineteenth century.

M. de Laveleye sets out by accepting the general conjecture (rather than estimate) that at the close of the fifteenth century there was in the world about 700,000,000 of francs in silver (\$140,000,000), and only 300,000,000 gold (\$60,000,000). From the year 1500 to the year 1848, the production of the precious metals, it is further estimated, was 30 milliards of silver (\$6,000,000,000) and 14 milliards of gold (\$2,800,000,000). During all this time, silver constituted the principal money of account, among the vast majority of the world's population. It is a curious fact that up to the discoveries of gold in Australia and California, the relation was almost exactly maintained between the values of the aggregate quantity of the two metals. But from 1848 the production of the precious metals, and especially of gold, began to be largely increased. It is estimated that from 1848 to 1870, 20 milliards of gold and silver (\$4,000,000,000) were added to the circulation, causing an increase in the money metals of not less than 45 per cent. If we add 6 milliards (\$1,500,000,000) for the production of the last seven years (1870-77), we have a total of 70 milliards (\$14,000,000,000) of the precious metals put in circulation.

According to M. de Laveleye, with 70 milliards (\$14,000,000,000) of metallic money, and 1,200,000,000 of inhabitants in the world, we should have about 60 francs in specie for each person (\$12 *per capita*), which seems a sufficiently handsome sum to answer all human wants, if we take into account the fact that all civilized people have paper-money in addition. But, according to M. de Laveleye, this view is wholly deceptive, and we are on the very brink of a great scarcity of the circulating medium. He arrives at this conclusion from the following considerations: The total of \$14,000,000,000 of the precious metals represents the gross products of the mines since A.D. 1500, which must be diminished by deducting all the gold and silver employed in the arts and manufactures, and the amount that is lost by circulation, abrasion, etc. Statisticians are absolutely unable to solve the problem how much these various causes diminish the product of the precious metals which is put in circulation. According to M. Ernest Seyd, a London financial writer, there is in the western world 18 milliards (\$3,600,000,000) in gold coin and bullion, and in silver coin and bullion 6 milliards (\$1,200,000,000). In the eastern world he estimates the circulation of the precious metals at 6 milliards (\$1,200,000,000), which would give, in all, 30 milliards (\$6,000,000,000) of money in circulation in the whole world. According to another specialist, M. Xeller, there was in 1868, in the western world, 20 milliards (\$4,000,000,000) of the precious metals in cir-

ulation. It is hardly possible to harmonize these estimates, or to believe that while 70 milliards (\$14,000,000,000) have been produced since the year 1500, there yet remains in circulation only 30 milliards (\$6,000,000,000). Forty milliards (\$8,000,000,000), according to this, are lost, or have disappeared in industrial uses, such as jewelry, etc.

But M. de Laveleye claims that the production of the two metals has diminished for some years past. In 1852 the gold product alone reached 900,000,000 francs; now, according to M. de Laveleye, it amounts to between 400,000,000 and 500,000,000 francs (\$100,000,000) *per annum*. The production of silver, on the contrary, has increased from 250,000,000 to 350,000,000 of francs, making the annual product of both metals about 850,000,000 (\$170,000,000), while but a few years ago it exceeded 1,000,000,000 (\$200,000,000) annually. This amount, he claims, is wholly insufficient for the wants of civilization. The results of this deficit will become manifest in a very few years; we shall see a great augmentation in the purchasing power of money, and consequently a fall of prices in all that is purchased by money. This fall M. de Laveleye finds to be full of evil, overlooking entirely the troubles which the great rise in prices caused by the influx of Californian and Australian gold have occasioned, an expansion of circulation, an increase of expenditure, and an undue rise of prices to all consumers. He devotes himself to show the results of an insufficient circulation as depressing manufacturing and commercial enterprise, greatly lowering the wages of labor, and stifling the development of mankind. He further draws from his statistics an argument in favor of the bi-metallic system, and against the policy which prevails in Great Britain, Germany, and some other nations, rejecting silver as money of account of full value.

But, in the first place, the figures of M. de Laveleye are not generally admitted. M. Victor Bonnet, in the *Revue des Deux Mondes*, maintaining the view that the single gold standard is the only possible or expedient monetary system, cites the opinion of M. Feer-Herzog, an eminent Swiss financial writer, to the effect that the annual production of the precious metals is even now 1,150,000,000 francs—710,000,000,000 of gold and 440,000,000 of silver. The difference between these figures and those of M. de Laveleye is very considerable, being 300,000,000 of francs (\$60,000,000) annually. But if we accept his figures of production, it is impossible to admit other elements in his calculation. His estimate that 280,000,000 of francs in gold and silver are annually employed in the industrial arts may possibly be correct; for the English economist McCulloch fixed this consumption years ago at 375,000,000 francs. While it is evident that we can have nothing but conjecture on this point, civilized nations do employ much gold and silver in jewelry, plate, etc. But it should not be forgotten that the fabrication of this jewelry does not consume the metal newly furnished annually by the mines. On the contrary, many fabrics of gold and silver are annually melted and reappear in a new form. Even granting that 280,000,000 are annually consumed in commerce, M. de Laveleye's second calculation that 250,000,000 more must be deducted from the circulation for wear and tear is entirely too large. The estimates for abrasion vary very much, but are usually from one quarter to one half per cent on the whole amount of coin in circulation. It should be taken into account that modern nations make less and less use of coin passing from hand to hand, substituting checks and bills of exchange, while the coin sleeps in the vaults of the banks or in strong-boxes.

But what is absolutely inadmissible in the calculations of M. de Laveleye is his third point. He deducts a sum of 250,000,000 francs

annually from the coin of which Europe stands in need, to regulate its exchanges with the east, and this he takes from the annual product of the mines. The amount flowing to the east may have averaged 250,000,000 francs for the last twenty-five years, but these are by no means average years. Thus, for the whole period of five years from 1861 to 1866, corresponding to the American war, the exports of India were enormously increased, notably in cotton, resulting in a great and unprecedented drain of silver from Europe. Since that time the normal state of things has returned, the imports and exports of India generally balance, and no such sum as 250,000,000 francs annually is required for the east.

Adding these three figures: 280,000,000 for the industrial arts, 250,000,000 for loss by abrasion, and 250,000,000 to represent the balance of trade between Europe and Asia—M. de Laveleye finds a total of 780,000,000 francs, which expresses, according to him, the annual wants of the civilized world to be added to the specie in circulation, supposing that the population and commerce remain stationary. But population continually increases, and commerce likewise; now as, according to M. de Laveleye, the production of the precious metals is only 850,000,000 francs a year, and we must deduct 780,000,000 from this for the uses already described, there remains only 70,000,000 *per annum* to keep pace with the progress of population and commerce—a sum altogether insufficient, since in Europe and the two Americas the population increases at the rate of 5,000,000 souls per annum; estimating the want of coin at 30 francs per head, which is little enough, there would be required 150,000,000 (\$30,000,000) annually; whereas, as we have seen, we have but 70,000,000, presenting thus a deficit of 80,000,000. Thus, according to M. de Laveleye, the insufficiency of the actual production of the precious metals is demonstrated. It is to be remarked that M. de Laveleye exaggerates strangely when he insists that the wants of each country for coin circulation increase in proportion to the increase of its population and its commerce. Further, he commits a great oversight in not taking into consideration the many substitutes for money of which custom avails itself more and more continually, as bank-notes, bills of exchange, checks, etc.

Nevertheless, there is some truth at the bottom of M. de Laveleye's observations. The great depreciation of the precious metals which has been seen for twenty years past, as a consequence of a sudden enlargement in their production, is perhaps approaching its term; but this would not be a misfortune.

The element of new discoveries of mines of precious metals has of course been wholly left out by M. de Laveleye. He writes as if civilization had already penetrated every corner of the globe, and revealed all the treasure of gold and silver that are buried in the bowels of the earth. Humboldt (repeating a remark of Herodotus) says that gold always comes from the extreme limits of civilization; this is borne out by the discovery of mines, both ancient and modern, in the new regions opened up to human occupation. That gold is no longer produced in countries long inhabited furnishes no argument against its probable discovery in regions not yet occupied. Civilization and colonization, as represented by the white race, have by no means reached their period. It is doubtful, as geographers tell us, whether half of the earth has been actually explored by men belonging to civilized nations, and we all know that hardly a third or a quarter is yet inhabited by them.

Who knows what undeveloped wealth may yet exist in Mexico, or in Central and South America? The Cordilleras may yet have

their secrets ; the banks of the Amazon, the La Plata, and their great affluents are almost a *terra incognita*. It is only eight years since gold regions were discovered in French Guiana. Australia and New Zealand, so rich in the past, are by no means exhausted in the present. Africa, that land of marvel and mystery heretofore, is now being opened by continual fresh explorations. In Siberia the gold product is actually increasing, but that country, where the cold is as forbidding as the torrid heat is in Africa, is as yet very imperfectly known.

But do we really need that enormous increase in the precious metals which from 1848 to 1878 has enlarged the world's stock more than one half ? This sudden expansion, notwithstanding the great development of commerce and industry, has produced a great rise in prices ; and was this rise an unmingled good ? By no means. On the contrary, what is most sought for by all financiers, and what would actually be an economic ideal, is an absolute fixed standard of value, subject neither to sudden increase nor diminution, increasing moderately and regularly each year, so as to keep pace with business and population ; so that those violent fluctuations of prices caused by sudden changes in the supply of currency should not take place. It is true that a recent great decline in prices has set in ; but this decline is rather due to intrinsic or collateral causes than to any rise in the value of money. Coal, iron, grain, and some of the raw materials most used in manufactures have been very largely produced of late years. The reduction in the cost of transportation and the opening of new fields of production are largely accountable for the fall in prices. Add to this that there is an enormous and steadily growing substitution of bank credits, bills of exchange, and checks, for the actual transfer of the precious metals, and it will be found, we think, that there is yet, and will continue to be, plenty of gold and silver for the wants of commerce. The railroads and telegraphs to-day give us the means of economizing incalculably the use of coin and bullion, which, while it stays in the vaults of the banks of New York, is transferred by the touch of an electric wire to pay a debt in London or San Francisco. The great clearing-houses of London and New York, where every day sees millions upon millions of debts discharged without handling a single dollar, are other instances, purely modern, of the lessening need for a large quantity of gold and silver.

Finally, M. de Laveleye has overlooked the fact that the progress of cultivation and intelligence tends to bring the gold and silver already coined out of its hoards among the populations of the globe. That great dormant unknown quantity of the precious metals which slumbers in these private receptacles is continually emerging from its retirement, through the spirit of intelligence and of the modern methods which commerce has adopted, and takes part in the circulating medium. In France, where the English and American use of bank-checks has been comparatively unknown, there is an infinite number of little mines of gold and silver hidden away in almost every hut, and under almost every mansard. These will tend constantly to come to the light, and will add their store to the world's wealth in the precious metals. In fine, we by no means consider that the production of gold and silver is too small for the wants of the civilized world, nor that any violent fall in prices is to be feared, which would be a phenomenon the reverse of that which we have seen for fifty years past. Perhaps, on the contrary, we may find that the closing quarter of the nineteenth century will be, in regard to the stability of prices and the steadiness of value in the precious metals, a great improvement upon the last two quarters of the century in which we live.

THE COTTON PRODUCTION OF THE UNITED STATES.

THE first culture of cotton in the United States dates from the year 1621, when cotton-seed was planted in Virginia as an experiment, and its "plentiful coming up" was a subject of interest in America and in England. Cotton wool is named in the earliest books and pamphlets relating to Virginia as one of the products of that happy country "seated neare the midst of the world, between the extremities of heate and cold." Its cultivation was long limited to gardens or small patches for home use. Cotton culture appears first to have grown northward rather than southward. The traces of its culture are found in Maryland, Delaware, New Jersey, and Pennsylvania, down to 1776, when it was recorded that the home-grown cotton near Philadelphia was sufficient for domestic wants. It must be said, however, that very little cotton was then used, as linen and woollen fabrics formed the chief clothing of the people.

Cotton was first planted in Georgia and the Carolinas in 1733-4, and in Louisiana in 1742. Several bags of cotton were exported from Charleston in 1747. In 1770 there were shipped to Liverpool three bales from New York, four from Virginia and Maryland, and three barrels full from North Carolina. It was not until the close of the eighteenth century that the cotton export trade began, which in the past eighty years, has grown to proportions so large in quantity and value, and so important to the commerce of the world, as to affect the welfare of nations. The cotton crop of 1791 in the United States was set down at two million pounds. In 1795 the few American cotton factories were still importing foreign cotton, the imports of that year being 4,107,000 pounds, and the exports 6,276,300 pounds. The crop of 1801 was put down at 48,000,000 pounds, 21,000,000 of which were exported. In 1810 the exports rose to 94,000,000 pounds. In 1813, when the war with Great Britain was on foot, we exported only 19,400,000 pounds, the price here ruling at twelve cents, while in England it was nearly three times as much, or from 16d. to 26d. The United States cotton crop in 1821 was 180,000,000 pounds; 124,893,405 of which was exported. In 1825 the crop had grown to 255,000,000 pounds. The following table gives the annual production since, or for fifty years. It must be noted that the cotton year, as stated in the authorities upon that industry, begins with the year of production, and closes during the year in which the crop is marketed. Thus, though the seed may be planted in April, and the cotton picked in October, very few bales of cotton reach the market before December, while the heaviest marketing of the crop runs from January to March, and the whole product of cotton cannot usually be summed up before August, shipping being distributed over so long a period.

The years in the following table therefore represent the year of marketing the crop ripened the year preceding :

COTTON CROP OF THE UNITED STATES FOR 50 YEARS.

YEARS ENDING SEPTEMBER 1.

From the Commercial and Financial Chronicle.

| Year. | Bales. | Year. | Bales. | Year. | Bales. | Year. | Bales. |
|-------|-----------|-------|-----------|-------|-------------|-------|-----------|
| 1829 | 870,415 | 1841 | 1,634,945 | 1853 | 3,232,882 | 1866 | 2,193,987 |
| 1830 | 976,845 | 1842 | 1,683,574 | 1854 | 2,930,027 | 1867 | 2,019,774 |
| 1831 | 1,038,848 | 1843 | 2,378,875 | 1855 | 2,847,339 | 1868 | 2,593,993 |
| 1832 | 987,487 | 1844 | 2,030,409 | 1856 | 3,527,845 | 1869 | 2,439,039 |
| 1833 | 1,070,433 | 1845 | 2,394,503 | 1857 | 2,939,519 | 1870 | 3,154,946 |
| 1834 | 1,205,324 | 1846 | 2,100,537 | 1858 | 3,113,962 | 1871 | 4,352,317 |
| 1835 | 1,254,328 | 1847 | 1,778,651 | 1859 | 3,851,481 | 1872 | 2,974,351 |
| 1836 | 1,360,752 | 1848 | 2,347,634 | 1860 | 4,669,770 | 1873 | 3,930,506 |
| 1837 | 1,422,930 | 1849 | 2,728,596 | 1861 | 3,656,006 | 1874 | 4,170,388 |
| 1838 | 1,801,497 | 1850 | 2,096,706 | 1862 | } No record | 1875 | 3,832,991 |
| 1839 | 1,330,532 | 1851 | 2,355,257 | to | | 1876 | 4,664,286 |
| 1840 | 2,177,835 | 1852 | 3,015,029 | 1865 | | 1877 | 4,465,423 |
| | | | | | | 1878 | 4,811,265 |

NOTE.—The average net weight per bale is 440 lbs.

The cotton belt of the United States, or the area in which cotton is cultivated, may be seen in the following table :

ACREAGE IN COTTON

Of the Ten Cotton-growing States, as Reported by the U. S. Department of Agriculture—1871 to 1877.

| STATES. | 1871. Acres. | 1872. Acres. | 1873. Acres. | 1874. Acres. | 1875. Acres. | 1876. Acres. | 1877. Acres. |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| N. Carolina. | 388,474 | 450,629 | 513,717 | 457,208 | 621,428 | 609,000 | 584,640 |
| S. Carolina. | 523,535 | 570,652 | 627,717 | 571,222 | 955,050 | 945,500 | 917,135 |
| Georgia | 1,170,832 | 1,311,331 | 1,455,577 | 1,310,020 | 1,611,702 | 1,515,000 | 1,530,150 |
| Florida | 143,727 | 158,099 | 167,584 | 152,501 | 185,395 | 165,000 | 166,650 |
| Alabama... | 1,250,427 | 1,387,972 | 1,499,009 | 1,289,148 | 1,732,250 | 1,732,250 | 1,766,895 |
| Mississippi. | 1,397,835 | 1,537,618 | 1,706,755 | 1,501,944 | 2,016,326 | 1,976,000 | 2,055,040 |
| Louisiana.. | 847,044 | 940,218 | 1,034,239 | 827,391 | 1,415,730 | 1,260,000 | 1,335,600 |
| Texas..... | 774,806 | 914,269 | 1,097,122 | 1,119,064 | 1,483,500 | 1,483,500 | 1,706,025 |
| Arkansas.. | 597,857 | 693,512 | 811,409 | 722,154 | 1,133,000 | 1,133,000 | 1,189,650 |
| Tennessee. | 463,042 | 518,605 | 596,395 | 548,683 | 780,000 | 741,000 | 755,820 |
| Total acres. | 7,557,579 | 8,482,905 | 9,509,524 | 8,499,335 | 11,934,379 | 11,560,250 | 12,007,605 |

It will be seen that Mississippi and Alabama cultivated the largest area of the cotton crop ; Louisiana, Georgia, and Texas coming next, while the smallest amount is grown in North Carolina, Tennessee, and Florida. The yield of cotton per acre varies from 100 pounds to 250 pounds ; the heaviest recorded production per acre for a series of years being in Arkansas, Texas, and Louisiana. Half a bale of cotton to the acre is regarded as a good yield.

The culture of cotton is arduous, and the result of the crop proverbially uncertain. The tender plant which peculiarly loves the sun is at the mercy of the seasons, and a wet summer or an early frost may diminish the product by one fourth or one third. The young plant, too, has numerous insect enemies, and is liable to diminution by irregular or inefficient culture. Tall native grass and weeds, with which the luxurious Southern soil teems, continually obstruct its growth. The planting of the seed begins in Texas in February, but later as we come north; not closing until after the first of May in North Carolina and Tennessee. The cotton seed, resembling a bean, in its early growth, shoots up two green leaves, striking a tap-root down into the earth, and growing in a few days two or three inches high. More leaves soon appear, and in about three weeks a process of plowing and chopping out the superfluous plants begins, leaving only three or four plants in a bunch, the bunches being from twelve to twenty-four inches apart. The plowing is twice repeated, followed by the hoe, cutting out all the grass, and all the plants but one in a hill. What is called the stand of cotton is of the utmost consequence, a poor stand insuring a short crop. Bringing to a stand, and cutting out all the plants except one, gives additional growth, vigor, and productiveness to the remaining plants. The cotton bloom, white in the morning and red in the evening, comes usually in June, the flower dropping off after three days, leaving a small boll, which enfolds the cotton wool, that finally bursts its shell and is ready for picking from the bush, all the way from September to December, according to the latitude, the season, or the time of planting. The boll is about the shape and size of a guinea egg. The cotton is picked by the fingers by laborers equipped with large sacks of coarse cotton, loosely suspended from the shoulders, each hand picking 150 to 200 pounds a day.

After picking comes ginning, or the separation of the fibre from the seed by the cotton gin. This consists of a revolving apron and circular saws run at high speed to cut the fibre from the seed. The seed falls to the ground, and the cotton is blown from the gin into the picking room. To every 500 pound bale of cotton there are found about 900 pounds of seed, about one fourth of which is retained for planting, and the rest sold for making oil. The cotton is next baled in a cotton press, which compresses the white fibre into the narrowest possible space, when it is firmly hooped in oblong bales, each of which is sewed up in bagging, and weighs from 400 to 500 pounds. The culture of cotton, while declining in some other producing regions, is constantly on the increase in the United States. This is shown in the fact that while the thirteen years before the civil war, 1849-61, produced 40,994,419 bales, the thirteen years since the war, 1866-78, have produced no less than 45,627,847 bales, and this, too, notwithstanding the complete revolution in the labor element in the cotton States.

The price of cotton from 1825 to 1877 inclusive is shown on another page, by a table of the lowest and highest prices of each year, which will be found much more satisfactory and less misleading than the averages for the year commonly given. The price from 1862 to 1877, being in United States currency, may be reduced to gold value by the table of the average price of gold in each year, commencing with the paper money issues of 1862.

It will be seen that the uncertainties of the crop are only equalled by the fluctuations in its price. We give an interesting table of the

COST OF PRODUCTION AND PRICE OBTAINED FOR THE COTTON CROP OF 1876 (MARKETED IN 1877),

As estimated by the Department of Agriculture from the reports of its correspondents. The prices quoted are those obtained at the nearest home markets (not the ports). Grade not stated, but probably average (strict good ordinary).

| STATES. | Cost of Production, per pound. | Price obtained, per pound. |
|--------------------------|---------------------------------------|---------------------------------------|
| North Carolina..... | 9 ³ / ₁₀ cents. | 9 ³ / ₁₀ cents. |
| South Carolina..... | 9 ³ / ₁₀ " | 9 ³ / ₁₀ " |
| Georgia..... | 9 ³ / ₁₀ " | 9 ³ / ₁₀ " |
| Florida..... | 8 ⁷ / ₁₀ " | 9 ³ / ₁₀ " |
| Alabama..... | 9 ³ / ₁₀ " | 10 ³ / ₁₀ " |
| Mississippi..... | 9 ³ / ₁₀ " | 10 ³ / ₁₀ " |
| Louisiana..... | 9 ³ / ₁₀ " | 10 ³ / ₁₀ " |
| Texas..... | 8 ⁷ / ₁₀ " | 9 ³ / ₁₀ " |
| Arkansas..... | 9 " | 9 ³ / ₁₀ " |
| Tennessee..... | 9 " | 9 ³ / ₁₀ " |
| Average of the U. S..... | 9 ³ / ₁₀ cents. | 9 ³ / ₁₀ cents. |

If the above figures are correct, it follows that the cotton crop of two years ago paid to the planters of the ten producing States, at an average profit of six tenths of a cent per pound, the large profit of twelve million dollars, nearly. The total value of the crop at place of shipment is but a fraction less than \$200,000,000 per annum.

Great Britain is the largest customer for American cotton, our exports to that country averaging about 2,000,000 bales per annum, for the last ten years, out of the average crop of 4,000,000 bales. Of the remaining half of the crop, an average of nearly 1,000,000 bales is exported to the continent of Europe, while over 1,300,000 bales are consumed by the cotton mills of the United States. The statistics of cotton goods manufactured in the United States are unfortunately not accessible at a later date than the year 1875, there having been no authentic returns. The following table for the year ending July 1, 1875, is from the *New York Commercial and Financial Chronicle* :

COTTON GOODS MANUFACTURED IN THE UNITED STATES.

NOTE.—The table is in thousands, of pounds or yards—i. e., 000's omitted, to save space. Adding them, we have as many millions as the table exhibits thousands.

| YEAR ENDING JULY 1, 1875. | New Engl'nd States. | Middle and West'n States. | Total, North'n States. | Total, South'n States. | Total, United States. |
|--|---------------------------|------------------------------------|------------------------------|------------------------------|-----------------------------|
| Threads, yarns, and twines (lbs.)..... | 45,000 | 19,000 | 64,000 | 19,000 | 83,000 |
| Sheetings, shirtings, and similar plain goods (yds.)..... | 540,000 | 94,000 | 634,000 | 92,000 | 726,000 |
| Twilled and fancy goods, Osnaburgs, jeans, etc. (yds.)..... | 180,000 | 46,000 | 226,000 | 21,000 | 247,000 |
| Print cloths (yds.)..... | 640,000 | 109,000 | 749,000 | ..... | 749,000 |
| Ginghams (yds.)..... | 30,000 | 5,000 | 35,000 | ..... | 35,000 |
| Ducks (yds.)..... | 12,000 | 16,000 | 28,000 | ..... | 28,000 |
| Bags (number)..... | 8,000 | 2,000 | 10,000 | ..... | 10,000 |

The subjoined table distributes the manufacture by States, and shows the relative number of bales of cotton used, the number of mills and spindles, etc., engaged in the manufacture.

| STATES. | No. of Mills. | No. of Spindles. | Average Size of Yarn. No. | Average Running Time. Weeks. | Average Consumption of Cotton per Spindle. Lbs. | Quantity of Cotton used. Lbs. | Quantity of Cotton used. Bales. |
|---------------------|---------------|------------------|---------------------------|------------------------------|---|-------------------------------|---------------------------------|
| NORTHERN. | | | | | | | |
| Maine..... | 27 | 633,944 | 23.14 | 50.50 | 53.00 | 33,603,236 | 72,421 |
| N. Hampshire... | 36 | 815,709 | 22.66 | 50.22 | 70.25 | 57,326,126 | 123,535 |
| Vermont..... | 10 | 46,344 | 29.55 | 50.54 | 51.51 | 2,372,420 | 5,513 |
| Massachusetts... | 206 | 3,775,634 | 28.69 | 46.17 | 55.33 | 206,894,352 | 450,304 |
| Rhode Island... | 129 | 1,438,479 | 33.88 | 48.00 | 42.69 | 61,409,470 | 132,848 |
| Connecticut... | 108 | 889,754 | 30.66 | 47.20 | 51.12 | 45,422,513 | 98,044 |
| New York..... | 60 | 615,205 | 36.38 | 49.65 | 46.30 | 28,473,469 | 61,365 |
| New Jersey..... | 22 | 178,928 | 29.13 | 50.83 | 57.62 | 10,114,300 | 21,798 |
| Pennsylvania... | 60 | 451,900 | 18.07 | 43.62 | 69.85 | 31,572,305 | 68,044 |
| Delaware..... | 8 | 48,276 | 23.17 | 52.00 | 69.96 | 3,358,162 | 7,346 |
| Maryland..... | 20 | 127,352 | 11.05 | 47.88 | 168.25 | 21,368,020 | 46,042 |
| Ohio..... | 4 | 13,000 | 8.00 | 43.50 | 135.69 | 1,764,000 | 3,803 |
| Indiana..... | 4 | 22,988 | 15.70 | 48.55 | 141.80 | 3,261,340 | 7,029 |
| Total North. | 694 | 9,057,543 | 28.42 | 47.52 | 56.25 | 509,009,613 | 1,097,001 |
| SOUTHERN. | | | | | | | |
| Alabama..... | 14 | 58,480 | 12.75 | 45.50 | 114.51 | 6,756,170 | 14,561 |
| Arkansas..... | 2 | 1,781 | 10.88 | 46.34 | 73.56 | 132,400 | 285 |
| Georgia..... | 47 | 131,340 | 12.87 | 46.35 | 177.39 | 23,299,303 | 50,214 |
| Kentucky..... | 3 | 9,514 | 6.92 | 50.45 | 254.40 | 2,420,362 | 5,316 |
| Louisiana..... | 3 | 2,260 | 8.50 | 50.00 | 315.50 | 713,033 | 1,537 |
| Mississippi..... | 9 | 18,256 | 11.07 | 46.00 | 110.60 | 1,990,800 | 4,391 |
| Missouri..... | 3 | 19,700 | 11.85 | 46.05 | 140.52 | 2,810,485 | 6,057 |
| North Carolina... | 31 | 54,500 | 11.28 | 43.97 | 121.72 | 6,694,641 | 14,423 |
| South Carolina... | 18 | 70,232 | 4.00 | 51.15 | 187.57 | 9,671,023 | 19,945 |
| Tennessee..... | 40 | 55,334 | 11.66 | 43.17 | 121.85 | 6,701,718 | 14,443 |
| Texas..... | 2 | 5,700 | 12.00 | 50.63 | 172.34 | 992,365 | 2,117 |
| Virginia..... | 9 | 54,624 | 15.22 | 51.63 | 115.85 | 5,560,835 | 11,985 |
| Total South. | 181 | 481,821 | 12.67 | 49.07 | 140.57 | 67,723,140 | 145,079 |
| Grand Total. | 875 | 9,539,364 | 27.60 | 47.60 | 60.46 | 576,742,753 | 1,242,080 |

The statistics of our cotton exports, and of the imports and exports of cotton manufactures into and from the United States, for a series of years, are given elsewhere, in the full tables of imports and exports.

The statistics of the European consumption of cotton may be seen in the following table, which is to be regarded merely as an estimate, exact statistics not being attainable.

[From W. B. Dana's "Cotton from Seed to Loom," N. Y., 1873.]

| | No. of Spindles. | Lbs. per spindle. | Total lbs. | Bales of 400 lbs. |
|------------------------|-------------------|-------------------|----------------------|-------------------|
| Great Britain | 39,500,000 | 33 | 1,303,500,000 | 3,258,000 |
| Russia and Poland..... | 2,500,000 | 65 | 162,500,000 | 406,250 |
| Sweden and Norway..... | 310,000 | 80 | 24,864,000 | 62,160 |
| Germany..... | 4,700,000 | 55 | 258,500,000 | 646,250 |
| Austria..... | 1,558,000 | 67 | 104,386,000 | 260,965 |
| Switzerland..... | 1,850,000 | 25 | 46,250,000 | 115,625 |
| Holland..... | 230,000 | 60 | 13,800,000 | 34,500 |
| Belgium..... | 800,000 | 60 | 48,000,000 | 120,000 |
| France..... | 5,000,000 | 48 | 240,000,000 | 600,000 |
| Spain..... | 1,775,000 | 48 | 85,200,000 | 213,000 |
| Italy..... | 880,000 | 67 | 58,960,000 | 147,400 |
| India..... | 1,231,000 | 75 | 92,325,000 | 230,812 |
| Total..... | 60,334,000 | | 2,440,285,000 | 6,106,150 |

Of the British consumption of cotton, the United States supplies 63 per cent; of the consumption of the Continent, 45 per cent; and of the European consumption generally, 56 per cent.

SILK MANUFACTURES OF THE UNITED STATES.

Detailed Statement of the Quantities and Values of Silk Goods manufactured in the United States during the Calendar Years 1873 to 1877, inclusive.

[From the Annual Reports of the Silk Association of America.]

| ARTICLES. | 1873. | | 1874. | | 1875. | | 1876. | | 1877. | |
|--------------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
| | Pounds. | Value. | Pounds. | Value. | Pounds. | Value. | Pounds. | Value. | Pounds. | Value. |
| Tram.... | 821,709 | 8,337,892 | 375,659 | 2,911,055 | 461,518 | 2,976,501 | 369,132 | 2,768,490 | 338,355 | 2,362,485 |
| Organze } | | | | | 230,606 | 1,819,000 | 184,567 | 1,614,961 | 109,186 | 1,353,482 |
| Spun silk } | 140,000 | 1,120,000 | 140,000 | 800,000 | 150,000 | 850,000 | 140,000 | 805,000 | 170,000 | 850,000 |
| Fringesilk } | 48,983 | 338,132 | 18,845 | 109,270 | 43,327 | 249,489 | 33,862 | 203,173 | 41,040 | 225,730 |
| Floss silk } | 7,100 | 61,300 | 6,300 | 43,000 | 6,861 | 42,568 | 5,488 | 35,438 | 4,670 | 32,690 |
| | 517,792 | 4,867,314 | 540,804 | 3,863,825 | 691,312 | 5,931,565 | 733,049 | 5,427,061 | 723,251 | 4,830,383 |

NOTE.—The above descriptions of silk, after being advanced to the state of manufacture in which their values are as above stated, are sold for use in subsequent manufactures in which they form the warp or the woof of other fabrics. The completed fabrics are included in the following statement with their values respectively.

| ARTICLES. | 1873. | 1874. | 1875. | 1876. | 1877. |
|---|------------|------------|------------|------------|------------|
| | Value. | Value. | Value. | Value. | Value. |
| Sewing-silk..... | \$ 991,350 | \$ 917,809 | \$ 885,079 | \$ 951,460 | \$ 349,493 |
| Machine-twist..... | 5,658,332 | 4,843,839 | 5,535,754 | 6,301,059 | 4,126,460 |
| Dress goods..... | 1,159,300 | 1,400,000 | 1,412,500 | 1,350,535 | 1,712,083 |
| Foulards and millinery silks (tie)..... | 1,553,617 | 1,663,961 | 2,594,191 | 2,181,166 | 1,319,081 |
| Handkerchiefs..... | 250,000 | 313,516 | 905,115 | 927,000 | 1,324,165 |
| Women's and children's scarfs..... | | | 134,623 | 119,946 | 109,369 |
| Ribbons..... | 2,652,011 | 2,776,886 | 4,815,485 | 4,526,556 | 3,927,294 |
| Laces..... | 150,450 | 103,000 | 164,000 | 220,000 | 154,500 |
| Coach laces..... | 76,000 | 40,000 | 35,652 | 24,500 | 18,000 |
| Veils and veiling..... | 50,000 | 83,706 | 65,264 | 16,518 | 11,369 |
| Silk hose..... | | | 6,000 | 3,200 | 4,500 |
| Braids and bindings..... | 381,000 | 363,790 | 383,100 | 315,000 | 230,400 |
| Military trimmings..... | 87,000 | 68,000 | 33,000 | 28,000 | 23,500 |
| Upholstery trimmings..... | 383,000 | 340,000 | 459,613 | 526,036 | 892,500 |
| Ladies' dress trimmings..... | 2,760,500 | 3,404,700 | 3,397,237 | 3,705,076 | 2,696,330 |
| Total product woven and thread silk.... | 16,157,560 | 16,219,157 | 21,226,513 | 21,166,052 | 16,581,033 |

Summary of Electors, or Those having the Right of Suffrage in Great Britain.

From the Financial Reform Almanac, 1877.

| Eng-land. | Pop. | Wales. | Pop. | Scot-land. | Pop. | Ire-land. | Pop. | Total. | Total Pop. |
|-----------|------------|---------|-----------|------------|-----------|-----------|-----------|-----------|------------|
| Voters. | | Voters. | | Voters. | | Voters. | | Voters. | |
| 2,211,470 | 21,495,331 | 129,293 | 1,217,135 | 295,420 | 3,360,013 | 230,773 | 5,411,016 | 2,866,966 | 31,483,700 |

NOTE.—The political complexion of the present House of Commons stands as follows: Conservative, 350; Liberal, 299. Conservative majority, 51.

POPULATION OF CITIES HAVING 100,000 INHABITANTS
OR UPWARDS.

| CITY. | COUNTRY. | CENSUS. | POPULATION. |
|---------------------------|------------------------------|---------|---------------|
| Abbeokuta..... | West Africa..... | | 150,000 (?) |
| Adrianople..... | Turkey..... | | 150,000 (?) |
| Agra..... | India..... | 1871 | 149,008 |
| Ahmedabad..... | India..... | 1871 | 116,873 |
| Alexandria..... | Egypt..... | 1872 | 212,031 |
| Allahabad..... | India..... | 1871 | 143,693 |
| Amoy..... | China..... | | 300,000 (?) |
| Amritour..... | India..... | 1871 | 135,813 |
| Amsterdam..... | Netherlands..... | 1875 | 289,983 |
| Antwerp..... | Belgium..... | 1875 | 145,101 |
| Bahia..... | Brazil..... | | 128,929 |
| Baltimore..... | Maryland, United States..... | 1870 | 267,354 |
| Bangalore..... | India..... | 1871 | 142,513 |
| Bangkok..... | Siam..... | | 500,000 (?) |
| Barcelona..... | Spain..... | 1860 | 189,948 |
| Barcelly..... | India..... | 1871 | 102,962 |
| Barmen and Elberfeld..... | Prussia, Germany..... | 1875 | 167,093 |
| Baroda..... | India..... | 1871 | 112,077 |
| Batavia..... | Java..... | | 135,000 |
| Belfast..... | Ireland..... | 1871 | 174,394 |
| Benares..... | India..... | 1871 | 175,188 |
| Berlin..... | Prussia, Germany..... | 1875 | 968,634 |
| Beyrout..... | Syria..... | | 100,000 (?) |
| Birmingham..... | England..... | 1871 | 348,787 |
| Bologna..... | Italy..... | 1871 | 115,957 |
| Bombay..... | India..... | 1871 | 644,405 |
| Bordeaux..... | France..... | 1876 | 215,140 |
| Boston..... | Massachusetts, U. S..... | 1875 | 341,919 |
| Bradford..... | England..... | 1871 | 145,880 |
| Bremen..... | Germany..... | 1875 | 102,177 |
| Breslau..... | Prussia..... | 1875 | 239,050 |
| Brighton..... | England..... | 1871 | 103,758 |
| Bristol..... | England..... | 1871 | 182,552 |
| Brooklyn..... | New York, U. S..... | 1875 | 484,606 |
| Brusa..... | Turkey..... | | 100,000 |
| Brussels..... | Belgium..... | 1875 | 376,965 |
| Bucharest..... | Turkey..... | | 221,805 |
| Buda-Pest..... | Hungary..... | 1869 | 270,476 |
| Buenos Ayres..... | Argentine Republic..... | 1869 | 177,787 |
| Buffalo..... | New York, U. S..... | 1875 | 134,593 |
| Cairo..... | Egypt..... | 1872 | 349,883 |
| Calcutta..... | India..... | 1871 | 794,645 |
| Canton..... | China..... | | 1,000,000 (?) |
| Cawnpore..... | India..... | 1871 | 122,770 |
| Changkiakan..... | China..... | | 200,000 (?) |
| Changchow..... | China..... | | 1,000,000 (?) |
| Chefoo..... | China..... | | 120,000 (?) |
| Chingtu..... | China..... | | 800,000 (?) |
| Chinkiang..... | China..... | | 130,000 (?) |
| Chungking..... | China..... | | 250,000 (?) |
| Chicago..... | Illinois, U. S..... | 1870 | 298,977 |
| Cincinnati..... | Ohio, U. S..... | 1870 | 216,239 |
| Cologne..... | Prussia..... | 1875 | 135,518 |
| Colombo..... | Ceylon..... | 1871 | 100,238 |
| Constantinople..... | Turkey..... | | 600,250 (?) |
| Copenhagen..... | Denmark..... | 1870 | 197,576 |
| Damascus..... | Turkey..... | | 150,000 (?) |
| Delhi..... | India..... | 1871 | 154,417 (?) |
| Detroit..... | Michigan, U. S..... | 1874 | 101,255 |
| Dhar..... | India..... | | 100,000 |
| Dresden..... | Saxony..... | 1875 | 197,295 |
| Dublin..... | Ireland..... | 1871 | 246,826 |
| Dundee..... | Scotland..... | 1871 | 119,141 |
| Edinburgh..... | Scotland..... | 1871 | 197,531 |
| Erzroum..... | Turkey..... | | 100,000 |
| Fez..... | Morocco..... | | 150,000 (?) |

POPULATION OF CITIES HAVING 100,000 INHABITANTS OR UPWARDS—(Continued).

| CITY. | COUNTRY. | CENSUS. | POPULATION. |
|-----------------------------|------------------------------|---------|-------------|
| Florence (Firenze)..... | Italy | 1871 | 167,093 |
| Foo-chow | China | | 600,000 (?) |
| Frankfort-on-the-Main | Germany | 1875 | 108,815 |
| Genoa | Italy | 1871 | 130,269 |
| Ghent | Belgium | 1875 | 130,092 |
| Glasgow | Scotland | 1871 | 477,144 |
| Gwalior | India | | 200,000 (?) |
| Hague | Netherlands | 1875 | 100,254 |
| Hamburg | Germany | 1875 | 264,675 |
| Hankow | China | | 600,000 (?) |
| Hanover | Prussia | 1875 | 106,689 |
| Hanyang | China | | 100,000 (?) |
| Havana | Cuba | | 205,676 |
| Hérat | Afghanistan | | 100,000 (?) |
| Hong Kong | China (British Colony) | | 125,504 |
| Hull | England | 1871 | 121,892 |
| Hwangyoven | China | | 150,000 (?) |
| Hyderabad | India | | 200,000 (?) |
| Jersey City | New Jersey, U. S. | 1875 | 109,227 |
| Joudpore | India | | 150,000 (?) |
| Kagosima | Japan | | 130,000 (?) |
| Kécho | India | | 150,000 (?) |
| Kichinew | Russia | 1870 | 102,427 |
| Kiew | Russia | 1870 | 116,774 |
| Kirin | China | | 120,000 (?) |
| Königsberg | Prussia | 1875 | 122,445 |
| Kumamoto | Japan | | 300,000 (?) |
| Leeds | England | 1871 | 259,212 |
| Leicester | England | 1871 | 109,830 |
| Leingkong | China | | 250,000 (?) |
| Leipzig | Saxony | 1875 | 127,387 |
| Leon | Mexico | | 100,000 (?) |
| Liège | Belgium | 1875 | 115,956 |
| Lille | France | 1876 | 162,775 |
| Lima | Peru | 1876 | 100,078 |
| Lisbon | Portugal | 1864 | 224,063 |
| Liverpool | England | 1871 | 493,405 |
| London | England | 1871 | 3,254,260 |
| Louisville | Kentucky, U. S. | 1870 | 100,758 |
| Lucknow | India | 1871 | 294,779 |
| Lyon | France | 1876 | 342,815 |
| Madras | India | 1871 | 397,552 |
| Madrid | Spain | 1870 | 332,024 |
| Magdeburg | Germany | 1875 | 122,789 |
| Manchester | England | 1871 | 351,189 |
| Mandalay | Burmah | | 100,000 (?) |
| Manila | Philippines | | 160,000 (?) |
| Marseilles | France | 1876 | 318,983 |
| Melbourne | Australia | 1874 | 212,178 |
| Messina | Sicily | 1871 | 111,854 |
| Mexico | Mexico | | 220,000 (?) |
| Miako (Kioto) | Japan | | 374,496 (?) |
| Milan | Italy | 1871 | 199,009 |
| Milwaukee | Wisconsin, U. S. | | 100,175 |
| Montevideo | Uruguay | 1872 | 105,295 |
| Montreal | Canada | 1871 | 107,225 |
| Moscow | Russia | 1870 | 601,669 |
| Mukden | China | | 170,000 (?) |
| Munich | Bavaria | 1875 | 190,867 |
| Nagasaki | Japan | | 111,281 (?) |
| Nanking | China | | 450,000 (?) |
| Nantes | France | 1876 | 122,247 |
| Naples (Napoli) | Italy | 1871 | 448,335 |
| Newark | New Jersey, U. S. | 1875 | 123,310 |
| Newcastle | England | 1871 | 128,443 |
| New York | New York, U. S. | 1875 | 1,046,087 |

POPULATION OF CITIES HAVING 100,000 INHABITANTS OR UPWARDS—(Continued).

| CITY. | COUNTRY. | CENSUS. | POPULATION. |
|-------------------------|-----------------------------------|------------|---------------|
| Ningpo | China ..... | ..... | 245,000 (?) |
| Odesa | Russia | 1870 | 139,462 |
| Osaka | Japan ..... | ..... | 373,000 (?) |
| Ouroumtsi | China ..... | ..... | 150,000 (?) |
| Palermo | Italy | 1871 | 219,398 |
| Paoting | China ..... | ..... | 120,000 (?) |
| Paris | France | 1870 | 1,988,806 |
| Patna | India | 1871 | 158,900 |
| Peking | China ..... | ..... | 1,000,000 (?) |
| Pernambuco | Brazil | 1872 | 116,671 |
| Philadelphia | Pennsylvania, U. S. | 1876 | 817,448 |
| Poona | India ..... | ..... | 118,886 |
| Portsmouth | England | 1871 | 113,569 |
| Prague | Austria | 1869 | 189,949 |
| Providence | Rhode Island, U. S. | 1875 | 100,675 |
| Riga | Russia ..... | ..... | 102,043 |
| Rio de Janeiro | Brazil | 1872 | 274,972 |
| Rome | Italy | 1871 | 244,484 |
| Rotterdam | Netherlands | 1875 | 132,054 |
| Rouen | France | 1876 | 104,902 |
| St. Etienne | France | 1876 | 126,019 |
| St. Louis | Missouri, U. S. | 1876 | 498,182 |
| St. Petersburg | Russia | 1870 | 667,963 |
| Salford | England | 1871 | 124,801 |
| Santiago | Chili | 1875 | 115,377 |
| San Francisco | California, U. S. | 1870 | 149,473 |
| Seville | Spain | 1860 | 118,298 |
| Shanghai | China ..... | ..... | 276,640 (?) |
| Shihlung | China ..... | ..... | 100,000 (?) |
| Sheffield | England | 1871 | 239,946 |
| Shangtan | China ..... | ..... | 1,000,000 (?) |
| Si-ngan | China ..... | ..... | 1,000,000 (?) |
| Smyrna | Turkey ..... | ..... | 150,000 (?) |
| Stockholm | Sweden | 1875 | 152,582 |
| Stoke-upon-Trent | England | 1871 | 130,985 |
| Stuttgart | Württemberg | 1875 | 107,273 |
| Su-chow | China ..... | ..... | 500,000 (?) |
| Sunderland | England | 1871 | 106,342 |
| Surat | India | 1871 | 107,149 |
| Swatow | China ..... | ..... | 120,000 (?) |
| Sydney | Australia | 1871 | 134,756 |
| Tabriz, or Tauris | Persia ..... | ..... | 220,000 (?) |
| Tai-yuen | China ..... | ..... | 250,000 (?) |
| Tängchow | China ..... | ..... | 230,000 (?) |
| Teheran | Persia ..... | ..... | 100,000 (?) |
| Tien-tsin | China ..... | ..... | 930,000 (?) |
| Tokao | China ..... | ..... | 220,000 (?) |
| Toulouse | France | 1876 | 181,142 |
| Trieste | Austria | 1869 | 109,324 |
| Tsinan | China ..... | ..... | 200,000 (?) |
| Tungkwán | China ..... | ..... | 120,000 (?) |
| Tunis | Tunis, Africa ..... | ..... | 125,000 (?) |
| Turin (Torino) | Italy | 1871 | 212,644 |
| Valentia | Spain | 1860 | 107,703 |
| Valparaiso | Chili | 1875 | 100,000 (?) |
| Venice (Venezia) | Italy | 1871 | 123,901 |
| Vienna | Austria | 1875 | 1,020,770 |
| Warsaw | Russia | 1870 | 297,090 |
| Washington | District of Columbia, U. S. | 1870 | 109,199 |
| Wu-chang | China ..... | ..... | 200,000 (?) |
| Wu-chow | China ..... | ..... | 500,000 (?) |
| Yangchow | China ..... | ..... | 360,000 (?) |
| Yarkand | China ..... | ..... | 200,000 (?) |
| Yedo (Tokio) | Japan ..... | ..... | 674,447 (?) |
| Yokohama | Japan ..... | ..... | 130,000 (?) |
| Yung-ping | China ..... | ..... | 200,000 (?) |

LEGISLATIVE BODIES OF THE WORLD, WITH THEIR NUMBERS.

| COUNTRY. | NAME OF LEGISLATURE. | ONE OR TWO CHAMBERS. | NUMBER OF MEMBERS. | | |
|--|-----------------------------|----------------------|--------------------|--------|-----------------|
| | | | UPPER. | LOWER. | SINGLE CHAMBER. |
| ARGENTINE CONFEDERATION. | Senate. | 2 | 28 | 50 | .. |
| Congress. | House of Deputies. | 2 | 28 | 50 | .. |
| AUSTRIA. | 1. Herrenhaus. | 2 | 191 | 353 | .. |
| Reichsrath. | 2. Abgeordnetenhaus. | 2 | 191 | 353 | .. |
| BELGIUM. | Senate. | 2 | 62 | 124 | .. |
| CHAMBER OF REPRESENTATIVES. | Chamber of Representatives. | 2 | 62 | 124 | .. |
| BOLIVIA. | Senate. | 2 | .. | .. | .. |
| Congress. | House of Representatives. | 2 | .. | .. | .. |
| BRAZIL. | Senate. | 2 | 58 | 122 | .. |
| Legislative Assembly. | House of Congress. | 2 | 58 | 122 | .. |
| CHILE. | Senate. | 2 | 36 | 108 | .. |
| Congress. | Chamber of Deputies. | 2 | 36 | 108 | .. |
| COLOMBIA. | Senate. | 2 | 27 | 61 | .. |
| Congress. | House of Representatives. | 2 | 27 | 61 | .. |
| COSTA RICA. | Congreso Constitucional. | 2 | 25 | 20 | .. |
| DENMARK. | Althing. | 1 | .. | .. | 36 |
| ECUADOR. | Senate. | 2 | 18 | 30 | .. |
| CHAMBER OF DEPUTIES. | Chamber of Deputies. | 2 | 18 | 30 | .. |
| FRANCE. | Senate. | 2 | 300 | 532 | .. |
| CHAMBER OF DEPUTIES. | Chamber of Deputies. | 2 | 300 | 532 | .. |
| GERMANY—Empire. | Bundesrath. | 2 | 59 | 397 | .. |
| Reichstag. | Reichstag. | 2 | 59 | 397 | .. |
| Anhalt. | Diet. | 1 | .. | .. | 36 |
| Baden. | Upper Chamber. | 2 | 29 | 63 | .. |
| Lower “ | Lower “ | 2 | 29 | 63 | .. |
| Bavaria. | Chamber of Reichsräthe. | 2 | 72 | 156 | .. |
| Chamber of Deputies. | Chamber of Deputies. | 2 | 72 | 156 | .. |
| Bremen. | Senate. | 2 | 18 | 150 | .. |
| Bürger-Convent | Bürger-Convent | 2 | 18 | 150 | .. |
| Brunswick. | Diet. | 1 | .. | .. | 46 |
| Hamburg. | Senate. | 2 | 18 | 196 | .. |
| House of Burgesses. | House of Burgesses. | 2 | 18 | 196 | .. |
| Hesse. | First Chamber. | 2 | 34 | 50 | .. |
| Second Chamber. | Second Chamber. | 2 | 34 | 50 | .. |
| Lippe. | Chamber of Deputies. | 1 | .. | .. | 21 |
| Lübeck. | Senate. | 2 | 14 | 120 | .. |
| House of Burgesses. | House of Burgesses. | 2 | 14 | 120 | .. |
| Mecklenburg-Schwerin and Mecklenburg-Strelitz. | Diet. | 1 | .. | .. | 73 |
| Oldenburg. | Landtag. | 1 | .. | .. | 33 |
| Prussia. | Herrenhaus. | 2 | 302 | 434 | .. |
| Abgeordnetenhaus. | Abgeordnetenhaus. | 2 | 302 | 434 | .. |
| Reuss-Greiz. | Chamber of Deputies. | 1 | .. | .. | 12 |
| Reuss-Schleiz. | Diet. | 1 | .. | .. | 16 |
| Saxe-Altenburg. | “ | 1 | .. | .. | 30 |
| Saxe-Coburg-Gotha. | “ | 1 | .. | .. | 80 |
| Saxe-Meiningen. | “ | 1 | .. | .. | 24 |
| Saxe-Weimar. | “ | 1 | .. | .. | 31 |
| Saxony. | Upper Chamber. | 2 | 48 | 80 | .. |
| Lower “ | Lower “ | 2 | 48 | 80 | .. |
| Schaumburg-Lippe. | Diet. | 1 | .. | .. | 15 |
| Schwarzburg-Rudolstadt. | Chamber of Representatives. | 1 | .. | .. | 16 |
| Schwarzburg-Sondershausen. | Diet. | 1 | .. | .. | 15 |
| Waldeck. | “ | 1 | .. | .. | 41 |
| Württemberg. | Standesherrnhaus. | 2 | 45 | 93 | .. |
| Abgeordnetenhaus. | Abgeordnetenhaus. | 2 | 45 | 93 | .. |

LEGISLATIVE BODIES OF THE WORLD.—(Continued.)

| COUNTRY. | NAME OF LEGISLATURE. | ONE OR TWO CHAMBERS. | NUMBER OF MEMBERS. | | |
|---------------------------|-------------------------------|----------------------|--------------------|--------|-----------------|
| | | | UPPER. | LOWER. | SINGLE CHAMBER. |
| GREAT BRITAIN..... | House of Lords..... | 2 | 497 | 652 | .. |
| Parliament. | House of Commons..... | 2 | 78 | 206 | .. |
| Canada (Dominion of)..... | Senate..... | 2 | 21 | 60 | .. |
| Parliament. | House of Commons..... | 2 | .. | .. | 28 |
| Cape of Good Hope..... | Legislative Council..... | 2 | 21 | 72 | .. |
| Natal..... | House of Assembly..... | 2 | 45 | 78 | .. |
| New South Wales..... | Legislative Council..... | 2 | 21 | 42 | .. |
| Parliament. | Assembly..... | 2 | 18 | 36 | .. |
| New Zealand..... | Legislative Council..... | 2 | 16 | 32 | .. |
| Parliament. | House of Representatives..... | 2 | 30 | 90 | .. |
| Queensland..... | Legislative Council..... | 1 | .. | .. | 21 |
| Parliament. | " Assembly..... | 1 | .. | .. | 188 |
| South Australia..... | Legislative Council..... | 2 | 24 | 52 | .. |
| Parliament. | House of Assembly..... | 2 | 30 | .. | .. |
| Tasmania..... | Legislative Council..... | 2 | 7 | 14 | .. |
| Parliament. | House of Assembly..... | 2 | 731 | 444 | .. |
| Victoria..... | Legislative Council..... | 2 | 270 | 508 | .. |
| Parliament. | " Assembly..... | 2 | 8 | 13 | .. |
| Western Australia..... | Legislative Council..... | 2 | 56 | 331 | .. |
| GREECE..... | Boulé..... | 1 | .. | .. | 16 |
| GUATEMALA..... | Council of State..... | 2 | 39 | 80 | .. |
| Congress. | House of Representatives..... | 2 | 10 | 11 | .. |
| HAYTI..... | Senate..... | 2 | 23 | 83 | .. |
| National Assembly. | Chamber of Deputies..... | 2 | .. | .. | .. |
| HONDURAS..... | Senate..... | 2 | 44 | 110 | .. |
| Congress. | Chamber of Deputies..... | 2 | 133 | 108 | .. |
| HUNGARY..... | House of Magnates..... | 2 | 76 | 157 | .. |
| Reichstag..... | House of Representatives..... | 2 | .. | .. | .. |
| ITALY..... | Senato..... | 2 | .. | .. | .. |
| Parliament. | Camera de Deputati..... | 2 | .. | .. | .. |
| LIBERIA..... | Senate..... | 2 | 5 | 15 | .. |
| Congress. | House of Representatives..... | 2 | 12 | 24 | .. |
| MEXICO..... | Senate..... | 2 | 17 | .. | .. |
| Congress. | House of Representatives..... | 2 | .. | .. | .. |
| MONTENEGRO..... | Senate..... | 1 | .. | .. | .. |
| NETHERLANDS..... | States-General..... | 2 | .. | .. | .. |
| NICARAGUA..... | Senate..... | 2 | .. | .. | .. |
| Congress. | House of Representatives..... | 2 | .. | .. | .. |
| NORWAY..... | Lagthing..... | 2 | .. | .. | .. |
| Storting..... | Odelsting..... | 2 | .. | .. | .. |
| PARAGUAY..... | Senate..... | 2 | .. | .. | .. |
| Congress. | House of Deputies..... | 2 | .. | .. | .. |
| PERU..... | Senate..... | 2 | 44 | 110 | .. |
| Congress. | House of Representatives..... | 2 | 133 | 108 | .. |
| PORTUGAL..... | Câmara dos Parés..... | 2 | 76 | 157 | .. |
| Cortes Geraes..... | Câmara dos Deputados..... | 2 | .. | .. | .. |
| ROUMANIA..... | Senate..... | 2 | .. | .. | .. |
| Parliament. | Chamber of Deputies..... | 2 | .. | .. | .. |
| RUSSIA..... | (No Legislature) | .. | .. | .. | .. |
| SAN DOMINGO..... | Consejo conservador..... | 2 | 5 | 15 | .. |
| Congress. | Tribunado..... | 2 | 12 | 24 | .. |
| SAN SALVADOR..... | Senate..... | 2 | 17 | .. | .. |
| Congress. | House of Representatives..... | 2 | .. | .. | .. |
| SERVIA..... | Sovjet..... | 2 | .. | .. | .. |
| Skupstina..... | Senate..... | 2 | .. | .. | 408 |
| SPAIN..... | Congress..... | 2 | 131 | 198 | .. |
| Cortes..... | First Chamber..... | 2 | 44 | 135 | .. |
| SWEDEN..... | Second "..... | 2 | .. | .. | .. |
| Diet..... | Ständerath..... | 2 | .. | .. | .. |
| SWITZERLAND..... | Nationalrath..... | 2 | .. | .. | .. |
| Parliament. | (No Legislature) | .. | .. | .. | .. |
| TURKEY..... | Senate..... | 2 | 76 | 293 | .. |
| UNITED STATES..... | House of Representatives..... | 2 | .. | .. | .. |
| Congress. | | | | | |

PAPER MONEY IN ANTIQUITY.

[Abridged from the *Journal des Économistes*, Marco Polo's Travels, and other sources.]

THE true definition of paper money is a promissory note on which a law of the government confers the character of money. A distinction exists between paper money and money of paper. The latter grows out of contracts between man and man, while the former is a direct creation of the political power. The promises to pay, which we may call money of paper, are exchangeable against their value in specie, while the holder of paper money has no claim to have it redeemed in specie at all. Money of paper is freely accepted or refused in commercial transactions; paper money, on the contrary, has a forced currency, and cannot lawfully be refused. While money made of gold or silver, quite independently of its government stamp or numismatic character, has an intrinsic value in all ages and throughout all countries, paper money, on the other hand, has no intrinsic value whatever.

It is not necessary that irredeemable money should be made of paper. Any other material without intrinsic value would possess all the characteristics of irredeemability. All sorts of currency which has no intrinsic value, regardless of the material of which it is composed, may be called paper money. Thus, at Carthage, and at one time in Lacedæmonia, money was made of leather, and given a forced currency; although, from the slight and fugitive allusions to the matter made by the classic historians, it is evident that this kind of money could have had but a brief temporary circulation.

In Russia, during the middle ages, the furs of wild animals came into use as a medium of exchange, and at last the government began to stamp pieces of these skins with a seal, and gave them forced currency as a representative of money, or a bank-note. These stamped pieces represented the entire skin of a fur-bearing animal, and were redeemable in value received—that is, in precious furs; but when the government had parted with the furs which they represented, these leather bank-notes no longer rested upon any solid value, and became simple paper money. So when the Mongolian conquerors refused to recognize this singular species of money, sudden bankruptcy was the result to Russia.

The Chinese, that pre-historic nation which claims to have discovered the use of printing, gunpowder, and the magnetic needle, ages before Europe rediscovered them, were also completely familiar with the use and abuse of paper money, and that, too, as early as the second century before the Christian era. The form employed by the Chinese for his paper money was either little pieces of parchment or

of cards similar to the smallest playing cards of modern days. It was the Emperor Won-Ty, who reigned in China 119 B.C., who had the honor of introducing the first paper currency of which any trace remains in historic records; and he appears to have resorted to it as a war measure to carry on a campaign against the Hiong-Noua. Being in want of money to support the expense of his costly expeditions, and at his wits' end to know by what means to procure it, he bethought himself of bringing together in his parks a great number of white stags. He then prohibited his nobles from raising any stags of that color, and when they came to the court to pay him a visit of ceremony, he gave them in exchange for the presents they brought him a piece of the skin of his white stags, which was taxed by the Emperor at the value of 400,000 trier, or pennies. These pieces of deerskin did not, perhaps, properly constitute paper money, but they furnished to the Emperor Won-Ty an expedient precisely resembling the modern issues of assignats or inconvertible paper.

For this fact regarding the introduction of paper money in China, we are indebted to the *Journal Asiatique*. But this stag currency of the Emperor Won-Ty was, it appears, of short duration; and we hear no more of paper money in China until the year 807 of our era. Then merchants, who made deposits of the precious metals in the Imperial Treasury, began to receive for them what was called a "light money," or billets known as *tsyehy*, which were given circulation in the place of specie, and which could be exchanged against deposits. "This was not real money," says the learned Chinese publicist, Matananlin; "it was simply a means of transporting the value of the metallic money."

"The public credit," says Biot, "was totally ruined by the uncertainty of redemption, and there is even no probability that any series of the paper money emitted after 1160 was ever redeemed except by other emissions of paper." Duties, taxes, public works, the army, salaries of public officers, all were paid in paper; but it profited nobody, and at last the whole civil and military population of the empire threw off the yoke, and replaced the paper money dynasty by a national specie-paying government.

The following conversation is reported as taking place between Ogodai, one of the Emperors of the Song Dynasty, and his minister, Thsan-Thsai:

"Learned minister," said the Prince, "it has been proposed to me this day to create a paper money. What do you think of it?" "From the time of Tchang-Sanang of the Golden Dynasty," answered Thsan-Thsai, "they began to put paper in circulation concurrently with money. The minister of that day made a great profit by the emission of that paper—so much so, indeed, that they gave him the surname of "Signor Billet." Things went to such a point that for ten thousand *billets* one could scarcely pay for a rice cake. The people suffered much, and the State was ruined. That was an example of which your Majesty should not lose sight. If paper money should now be emitted, it should on no account exceed the sum of one hundred thousand ounces of gold (750,000 francs)."

Marco Polo, the Venetian traveller who visited the East in the thirteenth century, and journeyed long through the realms of Kubla Khan and Far Cathay, gives an account of paper money made of the bark of the mulberry tree, which had a forced currency through the Emperor's dominions. "The Khan causes every year to be made," says Marco Polo, "such a vast quantity of this money, which costs him nothing, that it must equal in amount all the treasure of the

world. Nobody, however important he may think himself, dares to refuse them on pain of death." Our traveller further informs us that when any of these pieces of mulberry paper stamped with vermilion are spoiled, the owner carries them to the treasury, and by paying three per cent on the value gets new paper money in exchange. The redemption bureau of his Majesty seems to have done a thriving business.

Marco Polo, in his naïve descriptions of province after province which he visited in China, keeps repeating continually that "the people of this city" (or province, as the case may be) "are all idolaters, and have paper money."

The "Golden Dynasty," which went before the Mongols, issued a flood of rapidly depreciating paper, and the Mongol dynasty, in A.D. 1287, put forth a complete new currency, one note of which was exchanged against *five* of the previous series of equal nominal value. Thus early in the centuries was the swindle of the French *assignats*, converted into *mandats* by forced currency at a greatly depreciated ratio, put in practice in China.

Pauthier has given, from the Chinese annals of the Mongol dynasty, a table of the issues of paper money for nearly forty years, or from 1260 to 1294. The lowest issue of any year was 228,000 ounces, which, at the rate of two dollars to the ounce, amounted to nearly \$500,000; and the highest issue was in 1290, when fifty million ounces of this money were emitted in paper, equivalent to one hundred millions of our money. The total amount issued in thirty-four years was over six hundred millions of dollars in nominal value. According to the Chinese authorities, the credit of these issues was continually diminishing. In 1448, the note of one thousand *cash* was worth only three *cash*; and it became worthless and totally extinct in seven years more, so that after 1455 there is no more mention in Chinese history of irredeemable paper.

Persia also seems to have made its experiment with paper money about A.D. 1294, the notes being direct imitations of Kubla Khan's, even to the Chinese characters printed in vermilion, which were imitated. They were manufactured at the suggestion of a financial officer called Izzuddin. After the constrained use of this paper of less than a week, the great city of Tabriz was in an uproar, the markets were closed, the people rising, murdered Izzuddin, and the whole project had to be abandoned.

The statement has been widely published that the Bank of Venice (commonly supposed to be the oldest banking institution known to history) used to issue irredeemable paper. This bank originated in the palmy days of the Venetian Republic, A.D. 1171, and was first established as a chamber of loans for the government. The contributors to the loans were made creditors of the chamber, from which they were to receive an annual interest of 4 per cent. This bank is stated in Macpherson's *Annals of Commerce* to have been the most ancient establishment of a permanent national debt, or the funding system. The loans were inscribed in a great book authenticated by the government, and made evidence of the amount of the debt belonging to each subscriber. The interest was promptly paid by the government into the office and drawn thence by those entitled to it. The capital of the loans was made transferable with great facility, the inscriptions, or the right of receiving interest upon them, being bought and sold constantly.

This system, found so convenient and valuable in regard to a loan of the government, soon became a medium of payment in com-

mercial transactions. After two centuries of experience, in which the power and utility of the Bank of Venice as a financial agent of the republic was demonstrated, it was decreed in 1423 that all bills of exchange payable in Venice, domestic or foreign, should be paid in the bank, unless otherwise stipulated, and that all wholesale payments should be effected also in bank. Those paying debts carried money to the bank, receiving credits on the books therefor; while creditors received payments in bank by a similar transfer from their debtors. He who was creditor on the books of the bank became debtor as soon as he had made his transfer or payment to another, who became creditor in his place. Thus the parties did but change their position without necessitating any actual payment in money. The business closely resembled that of modern clearing-houses, save that the government kept the books. These Bank of Venice credits performed the same functions as money, having the same value. All who had a credit in the bank could obtain money for it whenever they chose, while the republic, by employing the funds which the bank furnished, drew effective aid for its wants, an aid estimated to be greater than that derived from taxation.

The facility given to commerce and the regular payments of trade by this system was incalculably great. The operations of the Bank of Venice gave universal satisfaction, and contributed greatly to the commercial prosperity of that republic. After a time, the government ceased to pay interest for the sums received from the bank, continuing to take all money paid in as a consideration for carrying it to the credit of the depositor on the books of the bank, and of paying every draft on these credits on demand. During the whole existence of the bank, with slight exceptions, the bank funds or credits bore a considerable premium over coin, on account of their superior convenience. This new substitute for money, according to the uniform testimony of authorities, consisted in substituting as a medium of payment the debt of the republic for current coin. There was a great multiplicity of old and new coins in Italy, whither flowed the coinage of many countries of the far East. Merchants found it difficult in transacting business to effect their exchanges through this multifarious currency of the different nations. But the government, taking the coin once for all, and giving therefor a corresponding credit in the bank, with power of transfer to the depositor, effected the commercial exchanges with much greater economy as well as rapidity.

This system of payments proved so well adapted to the exchanges of commerce that it was maintained for almost four hundred years in the great commercial city of Venice, and only perished when the city itself fell, at the conquest of Italy by Napoleon. The Bank of Venice issued no paper money, but the transfers of credit on its books, made in the presence of the parties, or their agents duly authorized, bore on their face the nature of the transaction. Parties making transfers appeared before the bank clerks, whose ledgers were minutely subdivided according to the letters of the alphabet. To prevent mistakes or frauds, a double set of these entry and transfer books was kept. The clerk in charge of each separate book made entry of every bill of exchange or balance of account. The strictness of the regulations enforced exceeded any required by the bank authorities of the present day. The bank was shut one day in each week to balance and thoroughly supervise the books. The bank does not appear to have discounted bills on its own account, and as the credits in which it dealt equalled the sum of bullion actually in its coffers, it made no increase in the quantity of currency in circulation.

THE HOMESTEAD AND EXEMPTION LAWS OF THE UNITED STATES.

[Compiled chiefly from Thompson's Treatise on Homestead and Exemption Laws, St. Louis, 1878.]

THE principle which lies at the basis of the homestead exemption laws is dictated by enlightened public policy. The intention of such acts is to secure to every householder or head of a family the possession of a permanent home. The policy looks to the general welfare and the highest interest of the Government, as well as that of the individual citizen.

"The law," said the Supreme Court of Iowa, in an early case, "is based upon the idea that, as a matter of public policy, for the promotion of the prosperity of the State, and to render independent and above want each citizen of the Government, it is proper he should have a home—a homestead—where his family may be sheltered and live beyond the reach of financial misfortune and the demands of creditors who have given credit under such law."

Said Thomas H. Benton, in the Senate of the United States :

"Tenantry is unfavorable to freedom. . . . The tenant has, in fact, no country, no hearth, no domestic altar, no household god. The freeholder, on the contrary, is the natural supporter of a free government, and it should be the policy of republics to multiply their freeholders, as it is the policy of monarchies to multiply their tenants."

As the liability of the debtor's lands and tenements to sale for the benefit of his creditors is a statutory right, non-existent in common law, so the homestead right is purely the creation of statute.

The first American Homestead Law was enacted by the Congress of the Republic of Texas in 1839. Ten years later, the Legislature of Vermont enacted such a law, and from that time the policy of protecting the homestead of a debtor, being the head of a family, from forced sale for the payment of his debts became a favorite of the legislatures of most of the States. Such laws now exist in all the States except Connecticut, Rhode Island, Delaware, Maryland, Pennsylvania, and Oregon. The policy of exempting a debtor's family homestead from execution has thus been adopted in thirty-two States of the Union.

The beneficent aim of homestead laws, like that of many other legal and social arrangements, has been greatly perverted in some States by loose legislation and by still looser judicial construction, so as to exempt not only the bare shelter and necessities of a family, but nearly all the property of a debtor from liability for his debts.

In nearly all the States the personal property exempt from execution is limited, either to certain enumerated articles or else to chattels of a defined value. In many of the States the homestead reserved from forced sale is limited in value, beginning with \$500 in Vermont, and ending with \$5000 in California. But in several of the Western States the homestead is not restricted in value, but is limited to a certain number of acres in the country, and to a certain area of ground in the city, together with the improvements thereon. A Pennsylvanian will open his eyes when told that the palatial residence of Jay Cooke, if situated in Wisconsin or Iowa, could not have been subjected to the payment of his debts. The other day, a severe struggle took place in the United States Circuit Court at Des Moines, over a palace worth \$100,000, belonging to an insolvent banker. The debtor insisted that it was exempt from forced sale as his homestead, and the creditors wanted it sold to satisfy their demands. The creditors succeeded, but only on the ground that he had abandoned the occupancy of the place as his residence at the time the debts were contracted.

In Virginia, in the Homestead Cases (22 Grattan, 266), Judge

Christian showed that, if all the property in the State were equally distributed among the resident householders, all of it would be withdrawn from execution, and the measure would still not be full ; and this is no doubt true in several other States.

In experimenting upon the protection of the family homestead, the legislatures of the States soon found that a mere immunity from sale under execution or attachment was but an inadequate remedy if the family could still be deprived of the homestead by the improvidence of its head in selling or incumbering it. Accordingly, amendments were made prohibiting the alienation of the homestead unless the wife should join in the deed. These restraints upon alienation have been a perfect Pandora's box of litigation, and have opened the door to an unprecedented amount of fraud and roguery, sanctioned, in many cases, with solemn gravity, by the highest judicial tribunals. To illustrate : A man in Iowa borrowed of Eastern capitalists \$11,250, and gave a deed of trust of some real estate, in which deed his wife apparently joined. He was allowed to keep both the money and the land, on the ground that the latter was his homestead, and that his wife had not signed the deed, *but that he had forged her name to it.* (*Morris v. Sargent*, 18 Iowa, 90.) The law of this case is indisputable ; but the application of it involved a judicial sanction of such appalling roguery, that one of the judges could not stand it ; Judge Dillon dissented. In 1851 the Legislature of Illinois passed a homestead law declaring, among other things, that "no release or waiver of such homestead shall be valid unless the same shall be in writing subscribed by such householder, and acknowledged in the same manner as conveyances of real estate are required by law to be acknowledged." In 1857 this provision was amended by inserting after the words, "subscribed by such householder," the words, "and his wife, if he have one." After this, a great many honest and careful men continued to lend money on homesteads, taking mortgages executed in the ordinary form by husband and wife, with the usual covenants of warranty and seizin ; when suddenly the Supreme Court declared that these mortgages were of no validity, because the right of homestead had not been mentioned in them. (*Kitchell v. Burgwin*, 21 Ill. 45.) The discovery was made that a joint deed of husband and wife was not sufficient to bar the homestead right without express mention thereof, although, in terms, it conveyed with warranty every claim, interest, and estate, of whatever description, whether at law or in equity. (*Redfern v. Redfern*, 38 Ill. 509 ; *Patterson v. Kreig*, 29 Ill. 514.) The roguish debtor and his discreet wife, intrenched behind an impregnable barrier of insolvency, were allowed to keep both the money and the land ; and the guileless creditor was left to muse upon the old maxim of law that "wherever there is a right, there is a remedy."

The doctrine of the Illinois court has been declared by the Supreme Judicial Court of Massachusetts (*Conner v. McMurray*, 2 Allen, 202 ; *Greenough v. Turner*, 11 Gray, 332), and by a very learned chancellor in Tennessee (*Hoge v. Hollister*, 2 Tenn. Ch. 606).

In North Carolina, where an extension of the existing homestead exemption had been made by the constitution of 1868, and a case was made upon a debt contracted prior to the adoption of that constitution, the Supreme Court of Georgia held that the debt could not be recovered because barred by the constitutional provision of the State. On appeal, however, to the Supreme Court of the United States, this judgment was reversed, upon the ground that the State constitutional ordinance, upheld by the State Court, operated to uproot a lien, and thus to destroy a vested right, and could not be allowed retroactive

effect. This decision establishes that a homestead or other exemption law, in so far as it attempts to withdraw from the reach of creditors property which would have been liable under the laws which were in force at the time of the contracting of the debt, is unconstitutional and void. (*Gunn v. Barry*, 15 Wallace, 610.)

By the law of Louisiana, the homestead is, in general terms, declared "exempt from seizure and sale." The statute contains no restraint upon the power to sell or mortgage the homestead. Nevertheless, the Supreme Court of that State has recently held that a mortgage upon property exempt under the statute, cannot be enforced, and that the owner of such property may sell the same *free from the mortgage he has imposed upon it*. In reaching this conclusion, the court proceeded on the view which has influenced the courts of several of the States to declare that the engagement of a debtor, in contracting a debt, not to avail himself of the benefit of the exemption laws, is void as against public policy, upon the same principle which avoids a usurious contract.

The courts of Texas have gone even farther than this, and decided that the constitution of Texas in 1845, exempting a homestead from forced sale for any debt, and providing that the owner cannot alienate the same except by consent of his wife, must operate to prevent a sale under a mortgage duly executed by the owner, his wife joining in the prescribed manner. In several States the courts have held that a widow takes a homestead in addition to her dower.

Amid the many discordant decisions of judicial tribunals, it becomes evident that those dealing with property interests cannot be too careful in guarding at every step against contingencies which may arise to affect their rights. The following compilation of the legal provisions exempting real and personal property from liability for debt in the various States, will be useful as exhibiting the wide diversities which prevail, and the specific exemptions in each locality. There is a provision in the law of the United States granting homesteads to actual settlers on the public lands, that no lands acquired under its provisions shall be liable for any debts of the settler contracted prior to the issuing of the patent for his homestead (Revised Statutes of the U. S., 423, Sec. 2296).

HOMESTEAD AND OTHER PROPERTY EXEMPTIONS.

[Compiled from the Revised Statutes and Session Laws of the several States.]

| STATES. | REAL ESTATE EXEMPTION. | PERSONAL PROPERTY EXEMPTION. |
|-----------------|---|--|
| Alabama..... | 160 acres with house in country, or lot and dwelling to value of \$2,000 in city. | To amount of \$1,000. |
| Arkansas..... | 160 acres in country, or city lot with improvements to value of \$5,000. | To amount of \$2,000. |
| California..... | Homestead to value of \$5,000. | \$200 furniture and a multitude of special articles. |
| Colorado..... | Not over \$2,000. | Tools, books, stock in trade to amount of \$300, and various articles. |
| Connecticut.. | No real estate exemption. | \$300 in library, necessary furniture and clothing. |
| Delaware..... | No real estate exemption. | Wearing apparel, library, tools, and \$200 additional property. |
| Florida..... | 160 acres of land in country, or ¼ acre and residence in town. | To amount of \$1,000. |
| Georgia..... | Homestead value in specie, \$2,000. | Value in specie, \$1,000. |

| STATES. | REAL ESTATE EXEMPTION. | PERSONAL PROPERTY EXEMPTION. |
|----------------------|---|--|
| Illinois | Residence worth \$1,000 | \$100 furniture, stock, or tools, clothing, library, and \$100 in other property. |
| Indiana | \$300 real or personal, or both. | \$300 real or personal, or both. |
| Iowa | 40 acres in country, or $\frac{1}{2}$ acre with house in town, all worth \$500. | \$100 furniture, also clothing, tools, farm animals, etc. \$1200 printing-press and type for printer. |
| Kansas | 160 acres in country, or 1 acre with improvements in town. | \$500 furniture, library, clothing, tools, farm animals, \$300 farming utensils, \$400 stock in trade. |
| Kentucky | Land with dwelling to value of \$1,000. | \$100 furniture, clothing, and domestic animals. |
| Louisiana | 160 acres land with buildings, etc., amounting to \$2,000, with personal property | |
| Maine | Land and dwelling, value of \$500. | \$50 furniture, \$150 library, \$300 farm animals, clothing, tools, etc. |
| Maryland | No real estate exempted. | Necessary tools, apparel, books, etc. |
| Massachusetts | Homestead to value of \$800. | \$100 furniture, \$50 library, clothing, farm animals, stock, and materials, \$100. |
| Michigan | 40 acres in country, or city lot and residence to value of \$1,500. | \$250 furniture, \$250 stock in trade, \$150 books, farm animals, and minor articles |
| Minnesota | 80 acres and dwelling in country, or lot and house in town. | \$500 furniture, \$400 tools or stock in trade, \$300 farming utensils, library, clothing. |
| Mississippi | 80 acres in country, or \$2,000 town property, including homestead. | Sundry personal effects. |
| Missouri | 160 acres, worth \$1,500 in country, or buildings in city to value of \$1,500 to \$3,000. | \$300 worth. |
| Nebraska | 160 acres with improvements. | \$500 exempted when no real estate is owned. |
| Nevada | To the amount of \$5,000. | \$1,500 exempted. |
| New Hampshire | Homestead worth \$500. | \$100 furniture, \$200 in library, \$100 in tools, \$50 fuel and provisions, clothing, domestic animals. |
| New Jersey | To amount of \$1,000. | To amount of \$200. |
| New York | Homestead to value of \$1,000. | \$25 mechanics' tools, furniture, instruments, library, etc. |
| North Carolina | To value of \$1,000. | To value of \$500. |
| Ohio | To amount of \$1,000. | Clothing, bedding, and \$500 additional exemption if no real estate is owned. |
| Oregon | No real estate exemption. | \$300 furniture, \$100 clothing, \$400 tools, etc., \$50 for each member of family, farm animals. |
| Pennsylvania | No real estate exemption. | \$300 value. |
| Rhode Island | No real estate exemption. | Clothing, cow and hog, \$200 furniture, \$50 tools, etc., of profession. |
| South Carolina | Homestead worth \$1,000. | Clothing, \$500 furniture, etc. |
| Tennessee | Homestead worth \$1,000. | \$500 value. |
| Texas | 200 acres with house in country, or lot and residence worth \$5,000 in town. | \$500 furniture, horse, saddle and bridle, clothing, books, animals, and one year's provisions. |
| Vermont | Homestead worth \$500 and growing crops. | Clothing, furniture, farm animals, and sundry stores, \$200 in teams, \$300 professional library. |
| Virginia | \$2,000 in real or personal property. | |
| West Virginia | Homestead worth \$1,000. | \$500 worth. |
| Wisconsin | 40 acres with house in country, or house and $\frac{1}{4}$ acre in town. | \$200 furniture, farm animals, \$50 farm tools, \$200 mechanics' tools, \$200 professional library. |

SUGAR PRODUCTION IN THE UNITED STATES.

ALTHOUGH the sugar-producing region of the United States is in narrow compass, comprising but five or six parishes (or counties) in the State of Louisiana, with a small part of Texas, and fragmentary plantations in other Southern States, the amount and value of the crop has been such as to constitute an important element in our national wealth. The production of sugar in Louisiana has fallen very largely since the Civil War, the breaking up of the old industry and the more or less unsuccessful attempts to bring new methods and machinery to bear, having resulted in many failures and disappointments. The speculative class who engaged in the raising of sugar cane expecting large and immediate profit have not succeeded in realizing their hopes. The present Commissioner of Agriculture has for more than a year past devoted special attention to the means of restoring the domestic sugar production of the country to more than its former proportions, and has instituted inquiries through a wide range of the sugar-producing region, the results of which have been made public in a special report.

While the United States is shown by the statistics which follow to be the largest consumer of sugar and molasses, in proportion to population, to be found among the nations of the world, we are yet importing from abroad more than five-sixths of our annual consumption of sugar, and about three-fourths of the molasses annually consumed. Cuba is and has been our leading source of supply, contributing 275,000 tons, valued at about 41 million dollars, out of the annual importation of from 55 to 75 millions. The consumption of sugar and molasses in the United States is shown in the following table :

CONSUMPTION OF SUGAR IN THE UNITED STATES, 1860-1877.

| YEARS. | Total consumption. | Imported. | Domestic. |
|----------|-----------------------|-----------------------|-----------------------|
| | Tons of 2,240 lbs. | Tons of 2,240 lbs. | Tons of 2,240 lbs. |
| 1860.... | 415,281 | 296,250 | 119,081 |
| 1861.... | 363,819 | 241,420 | 122,399 |
| 1862.... | 432,411 | 241,411 | 191,000 |
| 1863.... | 284,308 | 281,398 | 52,910 |
| 1864.... | 220,660 | 192,660 | 28,000 |
| 1865.... | 350,809 | 345,809 | 5,000 |
| 1866.... | 391,678 | 383,178 | 8,500 |
| 1867.... | 400,568 | 378,068 | 22,500 |
| 1868.... | 469,583 | 446,583 | 23,000 |
| 1869.... | 492,899 | 447,899 | 45,000 |
| 1870.... | 530,692 | 483,892 | 46,800 |
| 1871.... | 633,314 | 553,714 | 79,600 |
| 1872.... | 637,373 | 567,573 | 69,800 |
| 1873.... | 652,025 | 592,725 | 59,300 |
| 1874.... | 710,369 | 661,869 | 48,500 |
| 1875.... | 685,352 | 621,852 | 63,500 |
| 1876.... | 638,369 | 561,369 | 77,000 |
| 1877.... | 666,194 | 577,194 | 89,000 |

CONSUMPTION OF MOLASSES IN THE UNITED STATES, 1860-1877.

| YEARS. | Total consumption. | Imported. | Domestic. |
|----------|--------------------|------------|------------|
| | Gallons. | Gallons. | Gallons. |
| 1860.... | 47,318,877 | 28,724,205 | 18,594,672 |
| 1861.... | 40,191,556 | 20,383,556 | 19,808,000 |
| 1862.... | 62,668,400 | 25,650,400 | 37,018,000 |
| 1863.... | 37,569,088 | 26,569,088 | 11,000,000 |
| 1864.... | 32,410,325 | 28,582,325 | 3,828,000 |
| 1865.... | 35,185,038 | 34,335,038 | 850,000 |
| 1866.... | 45,140,110 | 43,840,110 | 1,300,000 |
| 1867.... | 49,776,465 | 46,776,465 | 3,000,000 |
| 1868.... | 55,957,969 | 52,587,969 | 3,370,000 |
| 1869.... | 54,361,092 | 47,961,092 | 6,400,000 |
| 1870.... | 49,323,171 | 42,723,171 | 6,600,000 |
| 1871.... | 52,065,784 | 41,165,784 | 10,900,000 |
| 1872.... | 53,695,203 | 42,995,203 | 10,700,000 |
| 1873.... | 51,485,526 | 41,985,526 | 9,500,000 |
| 1874.... | 48,206,257 | 39,506,257 | 8,700,000 |
| 1875.... | 58,608,734 | 46,418,734 | 12,190,000 |
| 1876.... | 48,809,504 | 36,459,504 | 12,350,000 |
| 1877.... | 39,965,906 | 27,065,906 | 11,900,000 |

From which table it appears that, in the years named, the United States produced less than 13 per cent of the cane-sugar it consumed, and little more than 21 per cent of the molasses consumed.

The full statistics of sugar imported into the United States each year, from 1821 to 1878, inclusive, will be found on another page. The average annual value of sugar and molasses imported is over 80

million dollars, the duty on which covers into the Treasury the large sum of from 37 millions to \$41,000,000 annually.

The authorities describe the sugar-growing region of Louisiana as lying on both sides of the Mississippi River, from about sixty miles below New Orleans, to about 200 miles above, including a tract along the banks of the Red River, embracing the parishes of Avoyelles and Rapides, and the level lands of Vermillion and Saint Martin. The average area annually cultivated in sugar-cane in Louisiana has not exceeded 150,000 acres, or about half of an ordinary county.

But the sugar limit is not confined to Louisiana. In ten other States cane, with ordinary cultivation and appliances, has been found to give fair returns, while the reports of yields in the Gulf regions of Texas give promise of great future results. Much of Florida bordering the Gulf-coast is indisputably well adapted to profitable sugar-culture. It would be very difficult, if indeed at all practicable, to secure accurate reports of the cane-product outside of Louisiana, in which it is a leading staple carefully noted; but, relying upon the United States censuses for 1860 and 1870, the following is the exhibit of cane-products in the Southern States in the years 1859 and 1869:

| STATES. | 1859. | | 1869. | |
|---------------------|---------|------------|--------|-----------|
| | Sugar. | Molasses. | Sugar. | Molasses. |
| | Hhds. | Galls. | Hhds. | Galls. |
| North Carolina..... | 38 | 12,494 | 35 | 33,888 |
| South Carolina..... | 108 | ... | 1,055 | 436,888 |
| Georgia..... | 1,167 | 546,749 | 644 | 553,192 |
| Florida..... | 1,669 | 436,357 | 952 | 344,839 |
| Alabama..... | 175 | 85,115 | 31 | 166,009 |
| Mississippi..... | 506 | 10,016 | 49 | 152,164 |
| Louisiana..... | 221,726 | 13,439,772 | 80,706 | 4,585,150 |
| Texas..... | 5,099 | 408,868 | 2,030 | 246,062 |
| Arkansas..... | ... | ... | 92 | 72,008 |
| Missouri..... | 402 | 22,305 | 49 | ... |
| Tennessee..... | 2 | 2,830 | 1,410 | 3,623 |
| Totals..... | 230,982 | 14,963,996 | 87,043 | 6,593,933 |

Louisiana lands within the sugar-range are cheap and abundant. It is stated by competent authority that sugar-lands, on the navigable rivers and bayous, may be purchased at from \$15 to \$20 per acre, while they have a capacity for the production of 2,000 to 4,000 and even 5,000 pounds of sugar, with a proportionate turn-out of molasses.

SUGAR PRODUCT OF LOUISIANA, 1822-1877.

| Years. | Hogs-heads. | Years. | Hogs-heads. | Years. | Hogs-heads. | Years. | Hogs-heads. |
|----------|-------------|----------|-------------|----------|-------------|----------|-------------|
| 1823.... | 30,000 | 1838.... | 70,000 | 1851.... | 236,547 | 1865.... | 18,070 |
| 1824.... | 32,000 | 1839.... | 115,000 | 1852.... | 231,934 | 1866.... | 41,000 |
| 1825.... | 30,000 | 1840.... | 87,000 | 1853.... | 449,324 | 1867.... | 37,647 |
| 1826.... | 45,000 | 1841.... | 90,000 | 1854.... | 346,635 | 1868.... | 84,256 |
| 1827.... | 71,000 | 1842.... | 140,000 | 1855.... | 231,427 | 1869.... | 87,090 |
| 1828.... | 88,000 | 1843.... | 100,000 | 1856.... | 73,296 | 1870.... | 144,881 |
| 1829.... | 48,000 | 1844.... | 200,000 | 1857.... | 279,697 | 1871.... | 128,461 |
| 1832.... | 70,000 | 1845.... | 186,000 | 1858.... | 362,296 | 1872.... | 108,520 |
| 1833.... | 75,000 | 1846.... | 140,000 | 1859.... | 221,840 | 1873.... | 89,498 |
| 1834.... | 100,000 | 1847.... | 240,000 | 1860.... | 228,753 | 1874.... | 116,867 |
| 1835.... | 30,000 | 1848.... | 220,000 | 1861.... | 459,410 | 1875.... | 144,146 |
| 1836.... | 70,000 | 1849.... | 247,923 | 1863.... | 76,801 | 1876.... | 169,331 |
| 1837.... | 65,000 | 1850.... | 211,201 | 1864.... | 10,387 | 1877.... | 127,753 |

The average weight of the hoghead is reckoned at 1,137 pounds net.

The methods employed in the culture of sugar have been of such a character that there may be said to have been a minimum of production, considering what might have been done with good culture and thoroughly scientific manipulation of the cane. While Louisiana gives 1,200 to 1,800 pounds of sugar to the acre (taking the last three seasons as the standard), the West India product is given at 3,000 to 5,000 pounds, and that of the East Indies often runs up to 7,000.

The product of sugar to the acre, through what is known among sugar planters as deterioration, has been rather lessening than increasing of late years. While the exhaustion of land and the use of unsuitable mineral fertilizers, with bad seasons and overflows of the Mississippi, have contributed seriously to discourage planters of sugar, yet the demand for this staple is so enormous, and the price of the product customarily so high, that very great profits are necessarily consequent upon its successful culture.

One hundred acres of cane, averaging 60,000 pounds per acre, should yield 571,428 pounds of sugar, at 8 cents per pound, and 380,952 pounds of molasses, at 4 cents per pound; total, \$60,951.82. The expenses of cultivation and management and the cost of manufacture should not be more than \$18,951.82, leaving a net profit of \$42,000, or \$40,000 more than is now derived from 100 acres of cane on an average. These considerations give some idea of the enormous losses inflicted upon the sugar-interest and upon the country by unthrifty methods of production. The special report of the Commissioner of Agriculture traces the following deductions as the net result of his comprehensive inquiry into the subject:

1. That the United States is paying annually to other nations immense sums of money for a staple article of consumption which, the proper encouragement and support being afforded, might be produced at home.
2. That the production of sugar in Louisiana, our chief source of domestic supply, was about 63 per cent. less in 1876 than in 1861, while at the same time in the years of largest production a very insignificant part of the whole body of cane-bearing lands have at any time been under cultivation.
3. That the system of sugar production heretofore followed has not been of a character calculated to produce the best results, great losses having been entailed on account both of the agricultural methods and the mechanical appliances used in extracting the saccharine matter, the loss through unscientific handling of the *bagasse* alone amounting to at least 40 per cent.
4. That an improved system of labor, involving the division and the cultivation of smaller tracts by individual owners, and a more thorough and scientific handling of the cane, would very largely increase the sugar product and go far toward keeping pace with the annually-increasing demand of the whole country.
5. That successive plantings of the same seed-cane have resulted in a deterioration of the stock that demands serious and immediate attention.
6. That there are immense tracts of unoccupied and abandoned sugar-lands in Louisiana which are purchasable at low rates.
7. That the absorption of these lands by small cultivators depends upon the protection afforded by a good levee system, the establishment of central factories, and the construction of transportation ways.
8. That a very large area, heretofore highly productive, cannot be safely worked on account of inundations arising from the bad condition of levees.
9. That the new system of ownership of small farms, which is now being encouraged, will give growth to individual independence, draw around itself educational and refining influences, and build up and energize new and thriving communities such as exist wherever self-reliant and intelligent labor flourishes.

It is also urged by the Southern correspondents of the Agricultural Department that protection of sugar-producing lands from overflow by a levee system is indispensably necessary, and that such a protective system can only be obtained by the active pecuniary co-operation of the Federal Government.

SUGAR PRODUCTION OF THE WORLD.

AN eminent English authority gives the following tables showing the production of cane and beet-root sugar in 1875 in the producing countries of the world :

CROPS OF CANE-SUGAR, IN ROUND NUMBERS.

| | Tons. | | Tons. |
|---|---------|---------------------------------|-----------|
| Cuba..... | 700,000 | Louisiana..... | 75,000 |
| Porto Rico..... | 80,000 | Peru..... | 50,000 |
| British, Dutch, and Danish West Indies..... | 250,000 | Egypt..... | 40,000 |
| Java..... | 200,000 | Central America and Mexico..... | 40,000 |
| Brazil..... | 170,000 | Rennion..... | 30,000 |
| Manila..... | 130,000 | British India and Penang..... | 30,000 |
| China..... | 120,000 | Honolulu..... | 10,000 |
| Mauritius..... | 100,000 | Natal..... | 10,000 |
| Martinique and Guadalonpe..... | 100,000 | Australia..... | 51,000 |
| Total tons..... | | | 2,140,000 |

BEET-ROOT SUGAR.

| | Tons. | | Tons. |
|---|---------|----------------------------------|---------------|
| German Empire..... | 346,646 | Austria and Hungary..... | 153,922 |
| France..... | 462,259 | Belgium..... | 79,796 |
| Russia and Poland..... | 245,000 | Holland and other countries..... | 30,000 |
| Total tons..... | | | 11,317,623 |
| Total sugar produced in 1875, pounds..... | | | 7,745,975,520 |

The highest and lowest prices for raw sugar in the New York market from 1825 to 1877 are given elsewhere ; also the consumption of sugar *per capita* in various countries.

Brief History of the Continental Money, the French Assignats, and the Confederate Currency.

THE first issue of so-called continental currency to meet the expenses of the Revolutionary War, was dated May 10, 1775, but not circulated for some months after ; and for about one year, or until the total issues exceeded nine millions of dollars, the bills passed at their nominal value.

The following table exhibits the total issues of continental money from first to last, according to a statement made by the Register of the United States Treasury, in 1790 :

| | | | |
|--------------|--------------|--------------|---------------|
| In 1776..... | \$20,064,465 | In 1780..... | \$83,799,537 |
| " 1777..... | 26,426,333 | " 1781..... | 12,587,344 |
| " 1778..... | 66,965,269 | | |
| " 1779..... | 149,703,857 | Total..... | \$359,546,823 |

The rate of exchange at which the continental bills were taken for hard money was stated by Mr. Pelatiah Webster, writing in 1783, as follows :

| | | | |
|-----------|--------|-----------|-----------|
| 1777..... | 1½ @ 4 | 1780..... | 40 @ 100 |
| 1778..... | 4 @ 6 | 1781..... | 100 @ 500 |
| 1779..... | 7 @ 45 | | |

On the 31st of May, 1781, the continental bills ceased to circulate as money, but were bought up for speculation at various prices from 100 for one up to 1000 for one. Says Mr. Webster :

" The depreciation of continental money never stopped the circulation of it. As long as it retained any value at all, it passed quick enough ; and would purchase hard money or anything else, as readily as ever, when the exchange was 200 for one, and when every

hope, or even idea, of its being ultimately redeemed at nominal value had entirely vanished.

"The facility of raising ways and means, in the early part of the war by issues of paper, led to much extravagance in the commissary department, and prevented the establishment of a sound system of finance. It is said that when a proposition was before Congress to establish a regular revenue system, one member exclaimed, "Do you think, gentlemen, that I will consent to load my constituents with taxes, when we can send to our printer, and get a wagon-load of money, one quire of which will pay for the whole!"

The statement has been frequently made that no provision whatever for redemption of the continental currency was ever made. This is erroneous. By the act "making provision for the debt of the United States," August 4, 1790, Congress enacted that the bills of credit issued by authority of the United States should be funded in the loan providing for the full amount of the domestic debt, "at the rate of one hundred dollars in the said bills for one dollar in specie." (1 Statutes at Large, 140.) This provision was the fruit of a protracted controversy in which the arguments for the public faith on the one side, and on the other the fact that the original holders of the bills could reap no benefit, that they had nearly all fallen into the hands of speculators, and that it was a sheer impossibility to redeem them, so enormous was their amount in proportion to the population and feeble resources of the country, were urged with great force.

The history of the French *assignats* has been too frequently told, and is too familiar to require repetition here. Briefly, the *assignats* were paper money, issued by the French Government in 1790, and the following years, based on the security of the national domains, and irredeemable at any fixed period. Following this issue, notwithstanding the enormous extent and value of the public lands pledged as their security, the *assignats* began to depreciate almost immediately, but were kept up to 90 per cent by various expedients until 1792. The first issue was 1200 millions of francs, which was swollen by successive issues to the enormous amount of 45,578,000,000 francs, or \$9,115,600,000. The most stringent laws, coupled with the severest penalties, were enacted to give the *assignats* forced circulation as legal tender, but they soon fell to 60 per cent, and in 1795 were worth only 18 per cent. At last, in 1796, the whole issue was recalled by law, and redeemed in *mandats* at one thirtieth the face value of the *assignats*. The *mandats* enabled the holders to enter at once into the possession of the public lands at a fixed price. In spite of this, the *mandats* quickly fell to one seventieth of their nominal value, and at length, in July, 1796, the law was passed which authorized the *mandats* to be taken at their current value, resulting, of course, in the rapid disappearance of the notes.

THE CONFEDERATE CURRENCY.

[Compiled from Pollard's Southern History of the War—Currency of the Confederate States, by Wm. Lee, and the Richmond *Enquirer*.]

BEFORE the outbreak of the civil war in 1861, the amount of specie held in the vaults of the banks in the eleven seceding States was about thirty millions of dollars. At the same time, the paper circulation outstanding in the shape of bank notes in those States was about fifty millions of dollars. In addition to this currency it was estimated by the financial authorities at that time, that the specie in circulation among the people of the South did not exceed twenty millions of dollars. Thus the approximate amount of currency of all

kinds in the Confederate States was perhaps fifty millions in coin, and a paper circulation of about the same amount.

The first thing that happened when hostilities were fairly begun, was a hoarding of specie in the hands of the people. The thirty millions of specie in the vaults of the banks continued long unemployed. A large part of it was secreted from motives of safety, another part was taken possession of by the Confederate Government, and a small portion captured in the course of military operations by the Federal authorities. Yet a very considerable portion of it was shipped abroad during the war, to pay for munitions of war and other supplies in behalf of the Confederate cause. At any rate, the close of the war found a very small fraction of the thirty millions held by the banks in 1861 still in their possession.

The condition of the currency in the Southern States before their government had begun to put out its flood of Confederate currency, was eminently a healthy one. The banks, it is true, suspended specie payments just before the close of the year 1861; but this suspension was not from any want of ability to take care of their circulation. With only fifty millions of paper in circulation, and at least the same amount of coin in the South, the larger part of which was held by the banks themselves, the latter were quite able to provide for their paper currency. But the suspension of specie payments was resolved upon in self-defence. It was to prevent the certain drain of specie that would have ensued from the large purchases of merchandise at the North and elsewhere, which the prospect of a long war and an increasing embargo would have induced.

One of the first things found out at the South as the war advanced, was that the stimulus of all branches of trade would absorb a large increase of paper circulation. Thus the fifty millions of currency afloat at the outset was quite unequal to the active condition of business brought about by the war. The Confederate Government immediately borrowed from the banks in the form of discounts upon notes drawn by the Confederate Secretary of the Treasury. These loans to the Government were advanced in extra issues of paper money, by the Southern banks themselves. They thus supplied the Government for a time with the sinews of war, and at the same time supplied that deficiency of currency which was stringently felt among the people. Nevertheless these loans ultimately proved the ruin of the banks. The issue of Confederate treasury notes, or irredeemable paper, which, once begun, had to be continually resorted to, soon filled the Southern country with two competing paper mediums. Of these two, the Southern people somehow had an instinct that the Confederate money was the least valuable. As a result, the notes of the Southern banks were hoarded, on that familiar financial principle that of two conflicting currencies the least valuable will drive out of circulation the more valuable. As silver and gold were hoarded at the North, becoming virtually demonetized for years, so the notes of the Southern banks were hoarded at the South, and their place was supplied by the new currency issued in torrents by the Confederate Government.

The first emission of paper authorized by the Confederate Congress was an issue of Treasury notes to the amount of one million dollars, to run one year, and to be not less than fifty dollars face value. This act was dated at Montgomery, Alabama, March 9, 1861, and the paper bills were engraved by the National Bank Note Company of New York. Two months later, on the 16th of May, 1861, the Confederate Congress at Montgomery passed another act, authorizing

an issue of Treasury notes to the amount of \$20,000,000, to embrace issues as low as five dollars in value, and redeemable within two years after date. These Confederate Treasury notes are comparatively common. Instead of the finely-engraved copper-plate work of the National Bank Note Company, they exhibit a cheap lithograph face, muddily printed on thin white paper, and bearing the device "Two years after date the Confederate States of America will pay five dollars to bearer, Richmond, July 25, 1861." The notes were inscribed at the head "Fundable in eight per cent stock or bonds of the Confederate States of America," and on the lower portion of the note, they bore the inscription, "Receivable in payment of all dues except export duties."

The notes were quickly worn out, and specimens of them, when found, are commonly in a very dilapidated condition. Poor as they were, however, they constituted the principal sinews of war for a long time to the Southern arms. At a later period, the Southern Confederacy, through its active agents, succeeded in importing all the materials for turning out Confederate graybacks, including the stones, paper, inks, colors, and even printers. The latter were imported from England.

Only three months after the last issue, or on the 19th of August, 1861, the Confederate Congress passed an act authorizing the emission of Treasury notes to the amount of one hundred millions more. These were to be of denominations not less than five dollars. Their condition of payment was changed from the last issue, which had been made "redeemable in two years," and the hundred millions were to run until "six months after the conclusion of a peace between the Confederate States and the United States of America." The Confederate notes emitted under this last act all had backs of plain white. By continued attrition and handling, however, the white soon became a dingy, dirty gray. Hence the term "gray-backs" as applied to the Confederate currency.

The issues of the year 1861 of non-interest-bearing Confederate notes amounted to \$161,500,000; in 1862 there were issued \$123,000 more; and in 1863 the enormous amount of \$511,182,000 of this paper money was put forth. From time to time there was recalled or paid back to the Confederate Government of non-interest-bearing notes a total of \$177,012,960. The Confederate Government acted precisely as the French Directory did, in the days of the *assignats*: money was manufactured over night to meet the financial demands of the next morning. Printing presses were kept continually running, and the money paid out as fast as it was needed. Besides the large amount printed by outside contractors, Colonel Blanton Duncan and others, the note division of the Confederate Treasury Department itself had grown to two hundred and fifty employees who prepared the notes for issue after they came from the printers. They issued fully a million notes a week, making daily reports thereon. Each engraved plate made 80,000 notes, and when the quantity exceeded a hundred thousand another series was commenced.

The following table exhibits the progressive decline and fall of the Confederate currency. The amounts required to buy one hundred dollars in specie were in

| | | Specie value of \$1. |
|---------------------|-------|-------------------------|
| December, 1861..... | \$120 | .83 |
| " 1862 | 800 | .32½ |
| " 1863 | 1,900 | .06½ |
| " 1864..... | 5,000 | .03 |
| March, 1865..... | 6,000 | .01½ |

THE Confederate States did the best that could be done with a currency exclusively of paper ; they provided it in sufficient quantities to suit ; they based it upon the faith and credit of their Government ; they made it a legal tender for all debts, public and private ; they secured it by the whole produce of their soil, including the great cotton monopoly, a necessity for all the world ; they supported it by no end of penal statutes and patriotic resolutions ; they made it a felony for anybody to refuse to take it at par ; and they pledged the whole taxable resources of ten millions of people for its redemption. They were constrained to support it by every motive of interest and of patriotism that could influence men ; and yet, with all these aids, the Confederate currency, amounting to \$654,465,963.50, never was redeemed, and never will be redeemed. Even had the Confederate arms succeeded, no people would have submitted to the taxation requisite to the payment of so vast an emission of irredeemable currency.

Not less than fifteen hundred distinct notes (including in that term the series and their letters) would be needful to make up a complete collection of Confederate currency. This, too, exclusive of the countless collateral issues of the notes of separate States, cities, corporations, and individuals. Very shortly after the heavy issue authorized by the Confederate Congress, August 19, 1861, of \$100,000,000 in treasury notes, to run until six months after peace, this currency began to depreciate in value. In less than six months some of the prices current in Richmond were as follows : Coffee, \$5.10 a pound ; calicoes, \$2 to \$2.25 a yard ; printing paper, \$2 a pound ; writing paper, \$45 to \$80 a ream ; lard and bacon, 35 to 45 cents a pound. (From the *Richmond Enquirer*, of March 20, 1862.)

In April, 1862, General Winder issued an order regulating the prices of all country produce in the markets of Richmond. The papers of that date complain of this order as unfairly discriminating against the farmers by putting down their prices, while no similar attempt was made to regulate the prices of groceries and dry goods by martial law. At that moment salt was held by the Richmond merchants at \$25 a bushel, sugar, from 60 to 80 cents a pound, and molasses at \$1.40 a gallon. But the marketmen soon found out a way to nullify General Winder's martial law, and fix their own prices. They retaliated by charging their customers General Winder's prices for their produce, and then charging another price for its delivery, which just about doubled their receipts in rag-money, over what they would have been but for this ingenious subterfuge. By the month of June, 1862, bacon had risen from 45 to 60 cents a pound, eggs were 60 cents a dozen, fresh meat from 50 to 60 cents a pound, butter \$1 a pound, and lard 60 cents a pound.

The following lines on the Confederate paper currency were written by Major S. A. Jonas, of the Texas Brigade, shortly after the surrender of Lee's army at Appomattox Court-house. They have been printed on the backs of many of the Confederate bills.

"In Memoriam.

"Respectfully Dedicated to the Holders of Confederate Treasury Notes.

"Representing nothing on God's earth now,
And naught in the waters below it,
As a pledge of the Nation that's dead and gone,
Keep it, dear friend, and show it.

"Too poor to possess the precious ores,
And too much of a stranger to borrow,

We issued to-day our promise to pay,
And hoped to redeem on the morrow.

"The days rolled on, and weeks became years,
But our coffers were empty still;
Coin was so rare that the Treasury quaked,
If a dollar should drop in the till.

"We knew it had hardly a value in gold,
Yet as gold our soldiers received it;
It gazed in our eyes with a promise to pay,
And each patriot soldier believed it.

"Keep it, for it tells our history all o'er,
From the birth of its dream to the last;
Modest, and born of the Angel Hope,
Like the hope of success—it *passed*."

A scale of depreciation of Confederate currency, legally established, will be found in the following

ACT OF THE LEGISLATURE OF NORTH CAROLINA IN 1865.

Be it enacted by the General Assembly of the State of North Carolina, That the following scale of depreciation be and the same is hereby adopted and established as the measure of value of one gold dollar in Confederate Currency, for each month (and the fractional parts of the month of December, 1864), from the 1st day of November, 1861, to the 1st day of May, 1865, to wit:

| MONTHS. | 1861. | 1862. | 1863. | 1864. | 1865. |
|---------------------------------------|--------|--------|--------|---------|---------|
| January..... | | \$1 20 | \$3 00 | \$21 00 | \$50 00 |
| February..... | | 1 30 | 3 00 | 21 00 | 50 00 |
| March..... | | 1 50 | 4 00 | 23 00 | 60 00 |
| April..... | | 1 50 | 5 00 | 20 00 | 100 00 |
| May..... | | 1 50 | 5 50 | 19 00 | ..... |
| June..... | | 1 50 | 6 50 | 18 00 | ..... |
| July..... | | 1 50 | 9 00 | 21 00 | ..... |
| August..... | | 1 50 | 14 00 | 23 00 | ..... |
| September..... | | 2 00 | 14 00 | 25 00 | ..... |
| October..... | | 2 00 | 14 00 | 26 00 | ..... |
| November..... | \$1 10 | 2 50 | 15 00 | 30 00 | ..... |
| December..... | 1 15 | 2 50 | 20 00 | ..... | ..... |
| December 1st to 10th, inclusive..... | | | | 35 00 | ..... |
| December 11th to 20th, inclusive..... | | | | 42 00 | ..... |
| December 21st to 31st, inclusive..... | | | | 49 00 | ..... |

The following table exhibits the amount *per capita* issued of the Continental money, the French *assignats*, the Confederate currency, and the legal-tender greenbacks and national bank-notes of the United States.

| | POPULATION. | AMOUNT ISSUED. | Amount per head. |
|---|--|---|------------------|
| | | Dollars. | Dollars. |
| Continental money..... | 3,000,000 in 1780. | 359,546,825 | 119 84 |
| French assignats..... | 26,500,000 (France in 1790). | 9,115,600,000 | 343 98 |
| Confederate currency..... | 9,108,832 (11 Confederate States, 1860). | 654,465,963 | 71 89 |
| Greenbacks and national bank notes..... | 31,443,321 (United States in 1860). | Highest amount in circulation, Jan., '66 750,820,228 | 23 87 |

THE BUDGETS OF NATIONS.

The word *Budget* is derived from the Latin and French, meaning a bag or purse, and England has applied it to the great leather bag which for a long time contained the documents presented to Parliament on the expenditure, resources, and wants of the country. It has become a fixed usage in financial legislation to speak of all estimates of receipts and expenditures as "the Budget." The same term is in equally general use in France, a nation always remarkable for the clearness and systematic precision of its public accounts. Nowhere in the world has finance, considered as a policy, received so much study as in the French nation. From the days of the great Finance Minister Colbert, who brought order out of chaos, and economy out of bankruptcy, in the days of Louis XIV., to the latest budget presented to the Corps Legislatif of the French Republic, it has been recognized that good accounting is an art worthy of the highest regard of all administrations.

The French financial system is based on an accurate and carefully examined general budget, prepared by the Finance Minister, or under his responsibility. This includes all the expected National revenues from all sources for one year, together with the liabilities of all departments, so clearly and fully drawn up as to show at the end of each year how far the anticipated revenue and liabilities arranged under detailed heads have been realized. The fiscal year begins and ends with the calendar year, or the 1st of January, instead of the 1st of July, as in the United States, or the 1st of April, as in Great Britain. A Court of Accounts is constituted, which takes the whole "of the public accounts of France and reduces them to order and system," so as to include the whole transactions of the service of the year in every French department, both of receipt and expenditure of public money. The accounts are then laid before the Legislative Chamber, with an elaborate report from the Court of Accounts. The forms used in every department of the administration are framed on one model. The French public service is full of administrative ability. The minuteness and completeness with which details are stated in the Budget, leaves nothing to be desired. This system prevents misappropriations of the public moneys, furnishes exact information for checking any unnecessary or loose expenditure, and brings into parallel view the receipts and expenditures of successive years. The advantage of this course is that facts are ascertained and data accumulated for accurate reference and comparison, and those unseemly disputes which we continually see in Congress over the facts of our financial receipts and expenditures, cannot possibly occur in France.

In England, the annual budget, or estimates of appropriations needed for the administration, is sent into Parliament in connection with detailed estimates of the revenues at the very beginning of each session. This budget is printed in the utmost detail, forming a vol-

ume two or three times as large as that furnished to Congress under the title of Estimates of Appropriations. Besides the Civil Service estimates, a separate folio volume is annually devoted to the Budget of Estimates for the Army, and a third volume to the Navy. All the heads of department and of subordinate bureaux are held responsible by the House of Commons for the accurate and economical character of these estimates. Very seldom, indeed, has it ever been necessary to go behind them to check extravagance or to control indefinite expenditure. The latter is indeed almost impossible in the strict system of the British budget.

Recent systematic inquiries, set on foot by the Cobden Club of London, elicited returns from several leading nations as to the methods prevailing in each regarding the appropriation of public money. The nations embraced in these interesting summaries of information are France, Germany, Austria, Belgium, Russia, Italy, Denmark, Sweden, Portugal, the Netherlands, and the United States. The first question put by the Cobden Club was whether, in the representative government of the countries reported upon, it was the practice to present a budget to the legislative body at the beginning of its session, or at some other fixed date. The result of the responses was, that it was a fixed and recognized obligation of the government to present its budget, or estimate for expenses, to the two chambers at the beginning of their session. The second, fourth, and fifth questions of the Cobden Club had reference to the method of examination, discussion, and voting upon appropriations. Were they examined by permanent committees or special commissioners? Did these committees or commissioners represent the various administrative departments of the government? Were their labors and their actions final, or subject to the ultimate revision and sanction of the legislative body? The correspondents of the Cobden Club inform us as to this particular, that the system of permanent committees on the Budget prevails only in Belgium, in Holland, and in the United States. In these countries this system is a consequence of the general practice of dividing one or both branches of the legislature into committees to take charge of the various subjects. For example, in Belgium the Chamber of Deputies is divided at the beginning of each session into six sections, which correspond precisely to the six ministerial departments, to wit: The Department of Justice, of Foreign Affairs, of the Interior, of Finance, of War, and of Public Works. When the Budget is submitted to the Chamber of Deputies, each of these committees takes charge of the division which naturally belongs to it. In Holland the upper and lower chamber of the legislature is each divided into five permanent committees, while in the United States the committee having general charge of appropriations in the House, and the Standing Committee of Finance in the Senate, although changed as to *personnel* at the beginning of each Congress, are permanent committees in substance.

In other countries the legislature appoints commissions for special purposes, composed of a varied number of members in different countries. In Austria the Commission of Finance of the Lower House embraces thirty-six members, or one-tenth of the entire Chamber. In the Reichstag of the German Empire, and in the Russian Chamber of Deputies, this commission consists of fourteen to thirty-five persons. In Italy it consists of thirty from the Chamber of Deputies and of fifteen from the Senate. Notwithstanding these differences in methods of procedure and the varying manner, sometimes oral, sometimes written, in which the Ministers of Government advance their own

ideas and defend their propositions before the committees or commissions, the legislature in all countries reserves to itself the final vote upon these propositions.

The seventh and last question was as follows: Has experience shown that legislative action has had the effect of reducing public expenditure and repressing administrative abuses? And it has received various replies, which, however, authorize the general conclusion that, in spite of all legislative control, public expenditure manifests a general tendency in all countries towards a constant increase. In Belgium, M. de Beaulieu, Professor of Political Economy and Member of Parliament, writes that the public expenditures which in 1835, with a population of 3,876,000, were only 87,104,105 francs, were increased in 1875, and for 5,336,000 inhabitants, to 256,000,000 francs—that is to say, that the twenty-two francs per head, which the expense of the government represented forty years ago, had reached more than double that amount (forty-eight francs) at the present time. M. de Beaulieu, who is by no means an absolutist, believes that the legislative body in Belgium does not diminish public expenditure, because it is not controlled by public opinion. In that country the payment of a direct tax of forty-two francs is the measure of the right of suffrage, which consequently is shared by about 130,000 privileged voters. Moreover, the voice of the rural population in legislative matters is drowned in that of the cities. From this double combination of circumstances it results that the minority of the electors may furnish a parliamentary majority. Moreover, among the hundred thousand voters, one third may be considered as having a personal interest in the increase instead of the diminution of expenses. This is seen in the fact that public expenditure in Belgium presents itself in the shape of public works or employment thereon, and thus the internal improvements of the empire have become a sort of electoral circulating medium. The government does not even limit itself to the construction of public works. It manages not only the mails and the telegraphs, but more than half of the railways, and the other half is now soliciting government purchase. Probably this will be carried out, and a new system of public expenditure will be added to the old ones. Worst of all, there is no remedy for this situation in near prospect, and there will be none as long as the state of suffrage remains in its present abnormal condition, so unjust and impolitic, as M. de Beaulieu believes.

In Denmark, the spirit of the constitution, which is very democratic, and rests upon universal suffrage, appears to control the parliamentary body in favor of public economy. The bulk of the Danish nation is composed of landed proprietors, of peasants, and of workmen; the two latter classes making common cause, and the peasants sitting in person (as in the other nations of Scandinavia) in the Lower House, of which they form the majority. This House willingly votes appropriations for railways and primary schools, and even for the encouragement of scholars and men of learning; but it keeps a firm hand on the salaries of public functionaries, and rejects all expenditure for fortifications and the increase of the army, which the government and the wealthier classes would like to see enlarged.

The replies received from France by such publicists as Messrs. Léon Say, Maurice Block, etc., set forth the fact that France has inherited a most expensive government from the Empire; that the Republic is heir to the terrible situation to which twenty years of the Empire—that is to say, government without control and constant extravagance—have brought public affairs in that country. What is

needed is many years of good government, inspired by a true republican spirit, to repair these disasters, to reform the financial system, which is far from being based on economic principles, and which is composed of incongruous materials, made up largely of bad precedents and old abuses. Little permanent reform, however, is to be looked for in France until Europe is cured of that military disease, which has been for generations eating out the substance of the people, and making government continually more expensive.

In Italy, the answer to the inquiry as to the public expenditure sets forth the fact that the detestable luxury of arms of precision, of rifled cannon, of ironclads, and of costly fortifications, has inflicted in great part on that kingdom its enormous debt of two thousand millions of dollars.

In Russia, where there is no legislative body, the Council of the Empire, which is the highest power after the Emperor, and is composed of members named for life by the Crown, has charge of the Budget. A Comptroller-General furnishes the estimates to this Council, which distributes its details for minuter examination among permanent sections of its own body, after which all the sections of the Council deliberate upon and agree to the Budget, as a whole, and, having received imperial sanction, it comes to have the force of law.

The answers from the United States, prepared by Messrs. Horace White, Charles Nordhoff, Governor Hoffman, J. S. Moore, Senator Dawes, David A. Wells, and others, agree that Congress acts as a useful and active restraint upon the continually growing tendency to expense of the Federal Government. Mr. Dawes estimates that \$9,000,000 a year was the average reduction to which the Treasury estimates were subjected in their passage through Congress during the double presidency of General Grant, and Mr. Moore fixes the cutting down of expenditure by the 44th Congress at \$18,000,000 to \$20,000,000 below the estimates of the Secretary of the Treasury. Mr. Wells remarks the strong tendency of all the departments and bureaus to enlarge their expenses, but says that the two branches of Congress itself form no exception to the tendency. Everything, it is added, tends to grow less dear in the United States except the Government, and in the last analysis the opinion is advanced that, under our republican government, the best safeguard against fiscal abuses is an earnest and intelligent sentiment in favor of economy.

Immemorial usage in Great Britain requires that the Crown, being the executive power, and charged with all the revenues of the State, and the payments for the public service, should make known to the Commons the pecuniary wants of the government. The House of Commons grants such aids or supplies as are required to satisfy these demands. They provide by taxes and by appropriations of the public income the ways and means to meet the supplies which are granted by them. Thus (1) the Crown demands money; (2) the Commons grant it; and (3) the Lords assent to the grant. But the Commons do not vote money unless it be required by the Crown; and the speech of the sovereign at the opening of every Parliament must distinctly ask for supplies of revenue, while the Commons are as distinctly thanked when each Parliament is prorogued for the supplies granted. Early in each session it is usual for the Chancellor of the Exchequer to move that a supply be granted to her Majesty; to which the House always agrees, and appoints a day on which they will resolve themselves into a committee "to consider supplies granted to her Majesty," or, as it is commonly called, the Committee of Supply. The duty of this committee is to consider the estimates for the succeeding year,

which are ordered to be laid before them. This is a committee of the whole House, although usually rather thinly attended. The member of the Administration representing each Department for which the supplies are required explains to the committee the estimates, and proceeds to propose each grant in succession. The chairman of the Committee of Supply is chosen at the beginning of each new Parliament, and he continues to act as such from that time for the remainder of the Parliament, his salary being voted in the annual estimates. This official chairman is designated the chairman of the Committee of Ways and Means, which is another committee of the whole House. When the Committee of Supply has made its first report to the House of Commons, and it has been agreed to, a day is next appointed for the House to resolve itself into a committee to consider ways and means for raising a supply granted to her Majesty. This committee is never appointed until the House has formally voted a sum of money as the foundation of its future proceedings, nor is the committee permitted to vote ways and means in excess of the expenditure previously voted by the Committee of Supply.

The functions of these two committees of the whole House are thus discriminated by Sir T. E. May, in his treatise on the *Laws, Privileges, Proceedings, and Usage of Parliament* (ed. 1873) :

"The Committee of Supply considers what specific grants of money shall be voted as supplies demanded by the Crown, for the service of the current year ; and explained by the estimates and accounts prepared by the executive government, and referred by the House to the Committee. The Committee of Ways and Means determines in what manner the necessary funds shall be raised, to meet the grants which are voted by the Committee of Supply, and which are otherwise required by the public service. The former committee controls the public expenditure ; the latter provides the public income ; the one authorizes the payment of money ; the other sanctions the imposition of the taxes, and the application of public revenues, not otherwise applicable to the service of the year."

It is the province of the Committee of Ways and Means alone to originate all taxes ; and it is in that committee that the Chancellor of the Exchequer usually develops his views of the resources of the country, the income, expenditure, etc., in the set speech known as "the Budget."

When the supplies for any one year have all been granted, the Committee of Supply stops its sittings ; after which every application for money out of the exchequer to meet the several grants of the year must be formally authorized by votes in the Committee of Ways and Means. Then a comprehensive bill is brought in, known as the Consolidated Fund Bill, or more generally as the Appropriation Bill. This bill enumerates every grant made during the whole session, and authorizes the several sums as voted by the Committee of Supply to be issued and applied to each separate service. It also enacts that the said supplies shall not be issued or applied to any purpose other than those mentioned.

Very early in the history of the American Congress the committee of that body which has primary charge of the estimates and appropriations for carrying on the government was constituted. On July 24, 1789, the following record is found in the journal of the House of Representatives :

"On motion,

"Ordered, That a Committee of Ways and Means, to consist of a member from each State, be appointed, to which it shall be referred to consider the report of a

committee appointed to prepare an estimate of supplies requisite for the service of the United States the current year, and to report thereupon."

Eleven members were elected in pursuance of this order of the House, two States of the old thirteen, Rhode Island and North Carolina, not being represented in the first Congress until the following year. By the terms of the resolution, this first Committee of Ways and Means was not made permanent; but on the 21st of December, 1795, we find the following provision in the journal of the House:

"On motion,

Resolved, That a Standing Committee of Ways and Means be appointed, whose duty it shall be to take into consideration all such reports of the Treasury Department and all such propositions relative to the revenue, as may be referred to them by the House; to inquire into the state of the public debt; of the revenue, and of the expenditures; and to report from time to time, their opinion thereupon."

It was further ordered by the House that fourteen members be appointed a committee pursuant to the said resolution, and to this standing committee a member was afterwards added to make one from each of the fifteen States in the Union. At the next session, December 16, 1796, a Standing Committee of Ways and Means of sixteen members was appointed, one from each State as before, to which was referred all business connected with the estimates for appropriations, receipts, and expenditures of the Treasury, and the collecting of direct taxes among the several States. This action was subsequently confirmed in the Standing Rules and Orders for conducting the business of the House of Representatives, adopted January 7, 1802. The number of the Ways and Means Committee, instead of one member from each State, was by these rules and orders fixed at seven members. Only four other standing committees were then provided for, of seven members each, to be appointed at the commencement of each session (not Congress) by the Speaker, unless otherwise ordered by the House. In 1833 the Committee of Ways and Means was increased to nine members, and, by order of the House, adopted March 3, 1873, to eleven members.

The very great amount and variety of public business pressing upon the Committee of Ways and Means led to the division of its functions, and the creation of a distinct Committee on Appropriations, which was ordered March 2, 1865. At the same time a Committee on Banking and Currency was provided for, to have special charge of all propositions connected with banking and the currency, while to the Committee on Appropriations was assigned the care of all executive communications and such other propositions, in regard to carrying on the several departments of the Government, as may be presented and referred to them by the House. Each of these committees consists of eleven members. This very necessary division of labor leaves to the Committee of Ways and Means the proper charge of all measures for raising revenue, including the tariff, internal revenue system, etc.

The Senate has no titular Committee of Ways and Means, but its Committee on Finance has charge of all business connected with the public revenue, taxation, banking, currency, etc., while a Senate Committee on Appropriations, constituted in 1867, has care of all appropriation bills. Conflicts have sometimes arisen regarding the power of the Senate to originate any measure connected with the revenue or the expenditure of money. Here, as in the Parliament of Great Britain, the Lower House has been tenacious of its immemorial privilege to originate all bills for raising revenue, confided by the constitution to the immediate representatives of the people.

POPULATION OF THE UNITED STATES

| STATES AND TERRITORIES. | | 1790. | 1800. | 1810. | 1820. |
|-----------------------------|----|-----------|--|--|--|
| The United States... | | 3,929,214 | 5,306,483 | 7,239,861 | 9,633,822 |
| The States | | 3,929,214 | 5,294,390 | 7,215,858 | 9,600,783 |
| 1 Alabama..... | | | | | 19 127,901 |
| 2 Arkansas..... | | | | | 25 14,255 |
| 3 California..... | | | | | |
| 4 Connecticut..... | 8 | 237,946 | 8 251,002 | 9 261,949 | 14 275,148 |
| 5 Delaware..... | 16 | 59,096 | 17 64,273 | 19 72,674 | 22 72,749 |
| 6 Florida..... | | | | | |
| 7 Georgia..... | 18 | 82,548 | 12 162,686 | 11 252,433 | 11 340,985 |
| 8 Illinois..... | | | | 23 12,282 | 24 55,162 |
| 9 Indiana..... | | | 20 5,641 | 21 24,520 | 18 147,178 |
| 10 Iowa..... | | | | | |
| 11 Kansas..... | | | | | |
| 12 Kentucky..... | 14 | 73,677 | 9 220,955 | 7 406,511 | 6 564,135 |
| 13 Louisiana..... | | | | 18 76,556 | 17 152,923 |
| 14 Maine..... | 11 | 96,540 | 14 151,719 | 14 228,705 | 12 298,269 |
| 15 Maryland..... | 6 | 319,728 | 7 341,548 | 8 380,546 | 10 407,350 |
| 16 Massachusetts..... | 4 | 378,757 | 5 422,845 | 5 472,040 | 7 523,159 |
| 17 Michigan..... | | | | 24 4,762 | 26 8,765 |
| 18 Minnesota..... | | | | | |
| 19 Mississippi..... | | | 19 8,850 | 20 40,352 | 21 75,448 |
| 20 Missouri..... | | | | 22 20,845 | 23 66,557 |
| 21 Nebraska..... | | | | | |
| 22 Nevada..... | | | | | |
| 23 New Hampshire..... | 10 | 141,885 | 11 183,858 | 16 214,460 | 15 244,022 |
| 24 New Jersey..... | 9 | 184,139 | 10 211,149 | 12 245,562 | 13 277,426 |
| 25 New York..... | 5 | 340,120 | 3 589,051 | 2 959,049 | 1 1,372,111 |
| 26 North Carolina..... | 3 | 393,751 | 4 478,103 | 4 555,500 | 4 638,829 |
| 27 Ohio..... | | | 18 45,365 | 13 230,760 | 5 581,295 |
| 28 Oregon..... | | | | | |
| 29 Pennsylvania..... | 2 | 434,373 | 2 602,865 | 3 810,091 | 3 1,047,507 |
| 30 Rhode Island..... | 15 | 68,825 | 16 69,132 | 17 76,931 | 20 83,015 |
| 31 South Carolina..... | 7 | 249,073 | 6 345,591 | 6 415,115 | 8 502,741 |
| 32 Tennessee..... | 17 | 35,691 | 15 105,602 | 10 261,727 | 9 422,771 |
| 33 Texas..... | | | | | |
| 34 Vermont..... | 12 | 85,425 | 13 154,465 | 15 217,895 | 16 236,966 |
| 35 Virginia..... | 1 | 747,610 | 1 880,200 | 1 974,600 | 2 1,065,116 |
| 36 West Virginia..... | | | | | |
| 37 Wisconsin..... | | | | | |
| The States..... | | 3,929,214 | 5,294,390 | 7,215,858 | 9,600,783 |
| 1 Arizona..... | | | | | |
| 2 Colorado..... | | | | | |
| 3 Dakota..... | | | | | |
| 4 District of Columbia..... | | | 1 14,098 | 1 24,023 | 1 33,039 |
| 5 Idaho..... | | | | | |
| 6 Montana..... | | | | | |
| 7 New Mexico..... | | | | | |
| 8 Utah..... | | | | | |
| 9 Washington..... | | | | | |
| 10 Wyoming..... | | | | | |
| The Territories..... | | | 14,093 | 24,023 | 33,039 |
| Total population.... | | 3,929,214 | 5,306,483 | 7,239,861 | 9,633,822 |
| | | | Increase per cent, 1790-1800, 35.10 | Increase per cent, 1801-10, 36.88 | Increase per cent, 1810-20, 33.06 |

NOTE.—The narrow column under each census year shows the order of the

AT EACH CENSUS, 1790-1870.

| STATES AND TERRITORIES. | 1830. | 1840. | 1850. | 1860. | 1870. |
|-------------------------|--|--|--|--|--|
| The United States | 12,866,020 | 17,069,453 | 23,191,876 | 31,443,321 | 38,558,371 |
| The States..... | 12,820,868 | 17,019,641 | 23,067,262 | 31,183,744 | 38,115,641 |
| Alabama..... | 15 309,527 | 12 590,756 | 12 771,623 | 13 964,201 | 16 996,992 |
| Arkansas..... | 27 30,388 | 25 57,574 | 26 209,897 | 25 435,450 | 26 484,471 |
| California..... | ..... | ..... | 29 92,597 | 26 379,994 | 24 560,247 |
| Connecticut..... | 16 297,675 | 20 309,978 | 21 370,792 | 24 460,147 | 25 537,454 |
| Delaware..... | 24 76,748 | 26 78,085 | 30 91,532 | 32 112,216 | 34 125,015 |
| Florida..... | 25 34,730 | 27 54,477 | 31 87,445 | 31 140,424 | 33 187,748 |
| Georgia..... | 10 516,823 | 9 691,392 | 9 906,185 | 11 1,057,286 | 12 1,184,109 |
| Illinois..... | 20 157,445 | 14 476,183 | 11 851,470 | 4 1,711,951 | 4 2,539,891 |
| Indiana..... | 13 343,031 | 10 685,866 | 7 988,416 | 6 1,350,428 | 6 1,680,637 |
| Iowa..... | ..... | 28 43,112 | 27 192,214 | 20 674,913 | 11 1,194,020 |
| Kansas..... | ..... | ..... | ..... | 33 107,206 | 29 364,399 |
| Kentucky..... | 6 687,917 | 6 779,828 | 8 982,405 | 9 1,155,684 | 8 1,321,011 |
| Louisiana..... | 19 215,739 | 19 352,411 | 18 517,762 | 17 708,002 | 21 726,915 |
| Maine..... | 12 399,455 | 13 501,793 | 16 583,169 | 22 628,279 | 23 626,915 |
| Maryland..... | 11 447,040 | 15 470,019 | 17 583,034 | 19 687,049 | 20 780,894 |
| Massachusetts..... | 8 610,408 | 8 737,699 | 6 994,514 | 7 1,231,066 | 7 1,457,351 |
| Michigan..... | 26 31,639 | 23 212,267 | 20 397,654 | 16 749,113 | 13 1,184,059 |
| Minnesota..... | ..... | ..... | 33 6,077 | 30 172,023 | 28 439,706 |
| Mississippi..... | 22 136,621 | 17 375,651 | 15 606,526 | 14 791,305 | 18 827,922 |
| Missouri..... | 21 140,455 | 16 383,702 | 13 682,044 | 8 1,182,012 | 5 1,721,295 |
| Nebraska..... | ..... | ..... | ..... | 35 28,541 | 35 122,993 |
| Nevada..... | ..... | ..... | ..... | 36 6,857 | 37 42,491 |
| New Hampshire..... | 18 269,328 | 22 284,574 | 22 317,976 | 27 326,073 | 31 318,300 |
| New Jersey..... | 14 320,823 | 18 373,306 | 19 489,555 | 21 672,035 | 17 906,096 |
| New York..... | 1 1,918,608 | 1 2,428,921 | 1 3,097,394 | 1 3,880,735 | 1 4,382,759 |
| North Carolina..... | 5 737,987 | 7 753,419 | 10 869,039 | 12 992,622 | 14 1,071,361 |
| Ohio..... | 4 937,903 | 3 1,519,467 | 3 1,980,339 | 3 2,339,511 | 3 2,665,260 |
| Oregon..... | ..... | ..... | 32 13,294 | 34 52,465 | 36 90,923 |
| Pennsylvania..... | 2 1,348,233 | 2 1,724,083 | 2 2,311,786 | 2 2,906,215 | 2 3,521,951 |
| Rhode Island..... | 23 97,199 | 24 108,830 | 28 147,545 | 29 174,620 | 32 217,353 |
| South Carolina..... | 9 581,185 | 11 594,398 | 14 668,507 | 18 703,708 | 22 705,606 |
| Tennessee..... | 7 681,904 | 5 829,210 | 5 1,002,717 | 10 1,109,801 | 9 1,258,520 |
| Texas..... | ..... | ..... | 25 212,592 | 23 604,215 | 19 818,579 |
| Vermont..... | 17 280,652 | 21 291,948 | 23 314,120 | 28 315,098 | 30 330,551 |
| Virginia..... | 3 1,211,405 | 4 1,239,797 | 4 1,421,661 | 5 1,596,318 | 10 1,225,163 |
| West Virginia..... | ..... | ..... | ..... | ..... | 27 442,014 |
| Wisconsin..... | ..... | 29 30,945 | 24 305,391 | 15 775,881 | 15 1,054,670 |
| The States..... | 12,820,868 | 17,019,641 | 23,067,262 | 31,183,744 | 38,115,641 |
| Arizona..... | ..... | ..... | ..... | ..... | 9 9,658 |
| Colorado..... | ..... | ..... | ..... | 4 34,277 | 4 39,864 |
| Dakota..... | ..... | ..... | ..... | 6 4,837 | 8 14,181 |
| Dist. of Columbia... | 1 39,834 | 1 43,712 | 2 51,687 | 2 75,080 | 1 131,700 |
| Idaho..... | ..... | ..... | ..... | ..... | 7 14,999 |
| Montana..... | ..... | ..... | ..... | ..... | 6 20,595 |
| New Mexico..... | ..... | ..... | 1 61,547 | 1 93,516 | 2 91,874 |
| Utah..... | ..... | ..... | 3 11,380 | 3 40,273 | 3 86,786 |
| Washington..... | ..... | ..... | ..... | 5 11,594 | 5 23,955 |
| Wyoming..... | ..... | ..... | ..... | ..... | 10 9,118 |
| The Territories .. | 39,834 | 43,712 | 124,614 | 259,577 | 442,730 |
| Total population.. | 12,866,020 | 17,069,453 | 23,191,876 | 31,443,321 | 38,558,371 |
| | Increase per cent, 1820-30, 32.51 | Increase per cent, 1830-40, 33.52 | Increase per cent, 1840-50, 35.83 | Increase per cent, 1850-60, 35.11 | Increase per cent, 1860-70, 22.65 |

States and Territories when arranged according to magnitude of population.

POPULATION OF THE UNITED STATES IN 1870.

[From the Official Returns of the Ninth Census.]

| STATES AND TERRITORIES. | AGGREGATE | WHITE. | COLORED. | CHINESE. | INDIANS (ESTIMATED). |
|----------------------------------|-------------------|-------------------|------------------|---------------|----------------------|
| 1 Alabama | 996,992 | 531,384 | 475,510 | ..... | 93 |
| 2 Arkansas | 484,471 | 362,115 | 122,169 | 98 | 89 |
| 3 California | 532,031 | 499,424 | 4,272 | 49,310 | 29,025 |
| 4 Connecticut | 537,454 | 527,549 | 9,668 | 2 | 235 |
| 5 Delaware | 125,015 | 102,221 | 22,794 | ..... | ..... |
| 6 Florida | 188,248 | 96,057 | 91,689 | ..... | 503 |
| 7 Georgia | 1,184,109 | 638,926 | 545,142 | 1 | 40 |
| 8 Illinois | 2,539,891 | 2,511,096 | 28,762 | 1 | 82 |
| 9 Indiana | 1,680,637 | 1,655,837 | 24,560 | ..... | 240 |
| 10 Iowa | 1,194,320 | 1,188,207 | 5,762 | 3 | 348 |
| 11 Kansas | 373,299 | 346,377 | 17,108 | ..... | 9,814 |
| 12 Kentucky | 1,321,011 | 1,098,692 | 222,210 | 1 | 108 |
| 13 Louisiana | 726,915 | 362,065 | 364,210 | 71 | 569 |
| 14 Maine | 626,915 | 624,809 | 1,606 | 1 | 499 |
| 15 Maryland | 780,894 | 605,497 | 175,391 | 2 | 4 |
| 16 Massachusetts | 1,457,351 | 1,443,156 | 13,947 | 97 | 151 |
| 17 Michigan | 1,187,234 | 1,167,282 | 11,849 | 2 | 8,101 |
| 18 Minnesota | 446,056 | 438,257 | 759 | ..... | 7,040 |
| 19 Mississippi | 827,922 | 382,896 | 444,201 | 16 | 609 |
| 20 Missouri | 1,721,295 | 1,603,146 | 118,071 | 3 | 75 |
| 21 Nebraska | 129,322 | 122,117 | 789 | ..... | 6,416 |
| 22 Nevada | 58,711 | 38,959 | 357 | 3,152 | 16,243 |
| 23 New Hampshire | 318,300 | 317,697 | 580 | ..... | 23 |
| 24 New Jersey | 906,096 | 875,407 | 30,658 | 15 | 16 |
| 25 New York | 4,337,464 | 4,330,210 | 52,081 | 29 | 5,144 |
| 26 North Carolina | 1,071,361 | 678,470 | 391,650 | ..... | 1,241 |
| 27 Ohio | 2,665,260 | 2,601,946 | 63,213 | 1 | 100 |
| 28 Oregon | 101,833 | 96,929 | 346 | 3,330 | 11,278 |
| 29 Pennsylvania | 3,522,050 | 3,456,609 | 65,294 | 14 | 133 |
| 30 Rhode Island | 217,353 | 212,219 | 4,980 | ..... | 154 |
| 31 South Carolina | 705,606 | 289,667 | 415,814 | 1 | 124 |
| 32 Tennessee | 1,258,520 | 936,119 | 322,331 | ..... | 70 |
| 33 Texas | 818,899 | 564,700 | 253,475 | 25 | 699 |
| 34 Vermont | 330,551 | 329,618 | 924 | ..... | 14 |
| 35 Virginia | 1,225,163 | 712,069 | 512,841 | 4 | 229 |
| 36 West Virginia | 442,014 | 424,083 | 17,980 | ..... | 1 |
| 37 Wisconsin | 1,064,985 | 1,051,351 | 2,113 | ..... | 11,521 |
| The States | 38,205,598 | 33,203,128 | 4,835,106 | 56,179 | 111,185 |
| 1 Alaska | 70,461 | 461 | ..... | ..... | 70,000 |
| 2 Arizona | 41,710 | 9,581 | 26 | 20 | 32,053 |
| 3 Colorado | 47,164 | 39,221 | 456 | 7 | 7,480 |
| 4 Dakota | 40,501 | 12,887 | 94 | ..... | 27,520 |
| 5 District of Columbia | 131,700 | 88,278 | 43,404 | 3 | 15 |
| 6 Idaho | 20,593 | 10,618 | 00 | 4,274 | 5,631 |
| 7 Indian Country | 68,152 | 2,407 | 6,378 | ..... | 59,367 |
| 8 Montana | 39,895 | 18,806 | 183 | 1,949 | 19,457 |
| 9 New Mexico | 111,303 | 90,393 | 172 | ..... | 20,738 |
| 10 Utah | 99,581 | 86,044 | 118 | 445 | 12,974 |
| 11 Washington | 37,432 | 22,195 | 207 | 234 | 14,793 |
| 12 Wyoming | 11,518 | 8,726 | 183 | 143 | 2,495 |
| The Territories | 720,000 | 389,117 | 51,281 | 7,075 | 272,527 |
| Total in United States .. | 38,925,598 | 33,592,245 | 4,886,387 | 63,254 | 383,712 |

NOTE.—The above figures of population vary from other tables given in the Census of 1870 by including in the aggregate the population of Alaska (estimated), and the Indian population (partly estimated and partly enumerated). No provision is made by law for taking the census of Indians not taxed, and the Superintendent of the Census therefore caused careful estimates to be made throughout the Indian agencies, and the result has been added to the enumerated population. This increases the aggregate population of the United States in 1870 from 38,558,371 (as in most of the tables) to 38,925,598.

POPULATION OF THE UNITED STATES, AS NATIVE, FOREIGN-BORN, AND OF FOREIGN PARENTAGE.

[From the Official Returns of the United States Census of 1870.]

| STATES AND TERRITORIES. | TOTAL POPULATION. | NATIVE. | FOREIGN-BORN. | HAVING ONE OR BOTH PARENTS FOREIGN-BORN. |
|------------------------------|-------------------|-------------------|------------------|--|
| 1 Alabama..... | 996,992 | 987,030 | 9,962 | 21,844 |
| 2 Arkansas..... | 484,471 | 479,445 | 5,026 | 10,617 |
| 3 California..... | 560,247 | 350,416 | 209,831 | 823,507 |
| 4 Connecticut..... | 537,454 | 423,815 | 113,639 | 203,650 |
| 5 Delaware..... | 125,015 | 115,879 | 9,136 | 20,361 |
| 6 Florida..... | 187,748 | 182,781 | 4,967 | 9,295 |
| 7 Georgia..... | 1,184,109 | 1,172,982 | 11,127 | 23,814 |
| 8 Illinois..... | 2,539,891 | 2,024,693 | 515,198 | 986,035 |
| 9 Indiana..... | 1,630,637 | 1,539,163 | 141,474 | 341,001 |
| 10 Iowa..... | 1,184,020 | 989,328 | 204,692 | 416,139 |
| 11 Kansas..... | 364,399 | 316,007 | 48,392 | 87,211 |
| 12 Kentucky..... | 1,321,011 | 1,257,613 | 63,398 | 142,720 |
| 13 Louisiana..... | 726,915 | 665,088 | 61,827 | 132,011 |
| 14 Maine..... | 626,915 | 578,034 | 48,881 | 91,651 |
| 15 Maryland..... | 780,894 | 697,482 | 83,412 | 181,362 |
| 16 Massachusetts..... | 1,457,351 | 1,104,082 | 353,319 | 626,211 |
| 17 Michigan..... | 1,184,059 | 916,049 | 268,010 | 488,159 |
| 18 Minnesota..... | 439,706 | 279,009 | 160,697 | 285,516 |
| 19 Mississippi..... | 827,922 | 816,731 | 11,191 | 18,756 |
| 20 Missouri..... | 1,721,295 | 1,499,028 | 222,267 | 465,125 |
| 21 Nebraska..... | 122,993 | 92,245 | 30,748 | 50,017 |
| 22 Nevada..... | 42,491 | 23,690 | 18,801 | 25,117 |
| 23 New Hampshire..... | 318,300 | 288,689 | 29,611 | 44,592 |
| 24 New Jersey..... | 906,096 | 717,153 | 188,943 | 350,816 |
| 25 New York..... | 4,332,759 | 3,244,406 | 1,188,353 | 2,225,627 |
| 26 North Carolina..... | 1,071,361 | 1,068,332 | 3,029 | 6,464 |
| 27 Ohio..... | 2,665,260 | 2,292,767 | 372,493 | 849,815 |
| 28 Oregon..... | 90,923 | 79,323 | 11,600 | 20,705 |
| 29 Pennsylvania..... | 3,521,951 | 2,976,042 | 545,309 | 1,151,208 |
| 30 Rhode Island..... | 217,353 | 161,957 | 55,396 | 95,000 |
| 31 South Carolina..... | 705,606 | 697,532 | 8,074 | 16,449 |
| 32 Tennessee..... | 1,258,520 | 1,239,304 | 19,316 | 36,326 |
| 33 Texas..... | 818,579 | 756,168 | 62,411 | 107,327 |
| 34 Vermont..... | 530,551 | 283,396 | 47,155 | 83,615 |
| 35 Virginia..... | 1,225,163 | 1,211,409 | 13,754 | 80,794 |
| 36 West Virginia..... | 442,014 | 424,923 | 17,091 | 46,204 |
| 37 Wisconsin..... | 1,064,670 | 690,171 | 364,499 | 717,832 |
| The States..... | 38,115,641 | 32,642,612 | 5,473,029 | 10,732,483 |
| 1 Arizona..... | 9,658 | 3,849 | 5,809 | 6,766 |
| 2 Colorado..... | 39,864 | 33,265 | 6,599 | 10,707 |
| 3 Dakota..... | 14,181 | 9,366 | 4,815 | 7,319 |
| 4 District of Columbia..... | 131,700 | 115,446 | 16,254 | 34,106 |
| 5 Idaho..... | 14,999 | 7,114 | 7,885 | 9,305 |
| 6 Montana..... | 20,595 | 12,616 | 7,979 | 10,246 |
| 7 New Mexico..... | 91,874 | 86,254 | 5,620 | 8,677 |
| 8 Utah..... | 86,788 | 56,064 | 30,722 | 59,024 |
| 9 Washington..... | 23,955 | 18,931 | 5,024 | 8,382 |
| 10 Wyoming..... | 9,118 | 5,605 | 3,513 | 5,000 |
| The Territories..... | 442,730 | 348,530 | 94,200 | 159,532 |
| Total Population..... | 38,558,371 | 32,991,142 | 5,567,229 | 10,892,015 |

NATIVITY OF THE FOREIGN-BORN POPULATION OF THE UNITED STATES IN 1870.

[Selected from the Official Returns of the Ninth Census.]

| Living In. | All Foreign Countries | Austria. | Bohemia | British America. | China. | Denmark. | France. | Germany. |
|------------------------|-----------------------|----------|---------|------------------|--------|----------|---------|-----------|
| The U. S. | 5,567,229 | 30,508 | 40,289 | 498,464 | 68,042 | 30,107 | 116,402 | 1,690,533 |
| Alabama... | 9,962 | 99 | 29 | 183 | 1 | 80 | 594 | 2,482 |
| Arkansas... | 5,026 | 41 | 21 | 342 | 93 | 55 | 237 | 1,563 |
| California... | 209,831 | 1,078 | 90 | 10,460 | 48,826 | 1,837 | 8,068 | 29,701 |
| Connecticut | 113,639 | 154 | 95 | 10,861 | 11 | 116 | 821 | 12,443 |
| Delaware... | 9,136 | 8 | 1 | 112 | ..... | 8 | 127 | 1,142 |
| Florida... | 4,967 | 17 | 3 | 174 | 1 | 41 | 128 | 597 |
| Georgia... | 11,127 | 34 | 23 | 247 | 4 | 42 | 312 | 2,761 |
| Illinois..... | 515,198 | 2,099 | 7,350 | 32,550 | 8 | 3,711 | 10,911 | 203,758 |
| Indiana..... | 141,474 | 443 | 141 | 4,765 | 6 | 315 | 6,363 | 78,060 |
| Iowa..... | 204,692 | 2,691 | 6,766 | 17,907 | 3 | 2,827 | 8,130 | 66,162 |
| Kansas..... | 48,892 | 448 | 105 | 5,324 | ..... | 503 | 1,274 | 12,775 |
| Kentucky... | 63,398 | 146 | 40 | 1,082 | 8 | 53 | 2,057 | 30,818 |
| Louisiana.. | 61,827 | 435 | 23 | 714 | 79 | 291 | 12,341 | 18,933 |
| Maine..... | 48,881 | 10 | 1 | 26,788 | 4 | 102 | 137 | 508 |
| Maryland... | 83,412 | 266 | 789 | 644 | 6 | 107 | 649 | 47,045 |
| Massach'tts | 353,319 | 255 | 110 | 70,055 | 115 | 267 | 1,639 | 13,072 |
| Michigan... | 268,010 | 795 | 1,179 | 89,590 | 4 | 1,354 | 3,121 | 64,143 |
| Minnesota.. | 160,697 | 2,647 | 2,166 | 16,698 | 6 | 1,910 | 1,743 | 41,364 |
| Mississippi. | 11,191 | 85 | 9 | 375 | 16 | 193 | 630 | 2,960 |
| Missouri... | 222,267 | 1,493 | 3,517 | 8,448 | 4 | 665 | 6,293 | 113,618 |
| Nebraska... | 30,748 | 299 | 1,770 | 2,635 | 2 | 1,129 | 340 | 10,964 |
| Nevada..... | 18,801 | 157 | 7 | 2,365 | 3,146 | 208 | 414 | 2,181 |
| N. Hampshire | 29,611 | 9 | 4 | 12,955 | 5 | 11 | 60 | 436 |
| New Jersey | 188,943 | 686 | 271 | 2,474 | 30 | 510 | 3,130 | 54,001 |
| New York... | 1,138,353 | 3,928 | 2,071 | 79,042 | 17 7 | 1,701 | 22,302 | 316,908 |
| N. Carolina. | 8,029 | 18 | 5 | 171 | 4 | 8 | 54 | 904 |
| Ohio..... | 372,493 | 3,699 | 1,429 | 12,988 | 12 | 284 | 12,731 | 182,897 |
| Oregon..... | 11,600 | 53 | 36 | 1,187 | 3,327 | 87 | 308 | 1,875 |
| Pennsylv'a. | 545,309 | 1,536 | 580 | 10,022 | 32 | 561 | 8,695 | 160,146 |
| Rhode Isl'd | 55,396 | 19 | 19 | 10,242 | ..... | 24 | 167 | 1,201 |
| S. Carolina. | 8,074 | 10 | 1 | 77 | 6 | 50 | 143 | 2,754 |
| Tennessee.. | 19,316 | 112 | 37 | 587 | 4 | 88 | 562 | 4,589 |
| Texas..... | 62,411 | 1,748 | 781 | 597 | 20 | 159 | 2,232 | 23,965 |
| Vermont.... | 47,155 | 2 | ..... | 28,544 | 1 | 21 | 93 | 870 |
| Virginia... | 13,754 | 56 | 31 | 327 | 8 | 23 | 369 | 4,050 |
| W. Virginia | 17,091 | 59 | 1 | 207 | ..... | 21 | 223 | 6,222 |
| Wisconsin.. | 364,499 | 4,486 | 10,570 | 25,666 | ..... | 5,212 | 2,704 | 162,314 |
| The States | 5,473,829 | 30,116 | 40,071 | 487,605 | 55,974 | 24,574 | 115,140 | 1,679,146 |
| Arizona.... | 5,809 | 24 | 2 | 142 | 21 | 19 | 69 | 379 |
| Colorado... | 6,599 | 51 | 15 | 753 | 7 | 77 | 209 | 1,456 |
| Dakota..... | 4,815 | 171 | 153 | 906 | ..... | 115 | 57 | 563 |
| District of Columbia } | 16,254 | 26 | 9 | 290 | 4 | 29 | 233 | 4,920 |
| Idaho..... | 7,885 | 26 | 1 | 334 | 4,268 | 88 | 144 | 590 |
| Montana.... | 7,979 | 36 | 23 | 1,172 | 1,943 | 95 | 193 | 1,233 |
| New Mexico | 5,620 | 10 | 2 | 125 | ..... | 15 | 124 | 582 |
| Utah..... | 30,702 | 4 | 3 | 687 | 446 | 4,957 | 63 | 358 |
| Washington | 5,624 | 19 | 2 | 1,121 | 236 | 84 | 113 | 645 |
| Wyoming... | 3,513 | 25 | 8 | 329 | 143 | 54 | 57 | 652 |
| Territories | 94,200 | 392 | 218 | 5,859 | 7,068 | 5,533 | 1,262 | 11,387 |
| Total, United States | 5,567,229 | 30,508 | 40,289 | 498,464 | 68,042 | 30,107 | 116,402 | 1,690,533 |

NATIVITY OF THE FOREIGN-BORN POPULATION OF THE UNITED STATES IN 1870.

[Selected from the Official Returns of the Ninth Census.]

| Living in. | Eng- land. | Ireland. | Scot- land. | Wales | Hol- land. | Italy. | Mexi- co. | Nor- way. | Swe- den. | Swit- zer- land. |
|---------------------------|---------------|-----------|----------------|--------|---------------|--------|--------------|--------------|--------------|------------------------|
| The U. S.. | 550,924 | 1,855,827 | 140,835 | 74,533 | 46,802 | 17,157 | 42,435 | 114,246 | 97,332 | 75,153 |
| Alabama... | 1,041 | 3,893 | 458 | 39 | 14 | 118 | 13 | 21 | 105 | 168 |
| Arkansas... | 526 | 1,428 | 156 | 24 | 71 | 30 | 14 | 19 | 135 | 104 |
| California... | 17,699 | 54,421 | 4,949 | 1,517 | 452 | 4,660 | 9,339 | 1,000 | 1,944 | 2,927 |
| Connecticut... | 13,001 | 70,630 | 3,238 | 288 | 99 | 117 | 5 | 72 | 323 | 492 |
| Delaware... | 1,421 | 5,907 | 229 | 43 | 16 | 5 | ..... | ..... | 9 | 33 |
| Florida.... | 399 | 737 | 144 | 6 | 7 | 56 | 41 | 16 | 30 | 14 |
| Georgia.... | 1,088 | 5,093 | 420 | 61 | 42 | 50 | 9 | 14 | 35 | 103 |
| Illinois.... | 53,871 | 120,162 | 15,737 | 3,146 | 4,180 | 761 | 73 | 11,880 | 29,979 | 8,980 |
| Indiana.... | 9,945 | 28,698 | 2,507 | 556 | 873 | 95 | 17 | 123 | 2,180 | 4,287 |
| Iowa..... | 16,660 | 40,124 | 5,248 | 1,967 | 4,513 | 54 | 14 | 17,556 | 10,796 | 3,937 |
| Kansas.... | 6,161 | 10,940 | 1,531 | 1,021 | 300 | 55 | 63 | 588 | 4,954 | 1,328 |
| Kentucky.. | 4,173 | 21,462 | 1,019 | 347 | 270 | 325 | 31 | 16 | 112 | 1,147 |
| Louisiana.. | 2,811 | 17,068 | 814 | 114 | 232 | 1,889 | 409 | 76 | 358 | 873 |
| Maine.... | 3,650 | 15,745 | 998 | 279 | 26 | 48 | 4 | 58 | 91 | 9 |
| Maryland.. | 4,855 | 23,630 | 2,432 | 994 | 235 | 210 | 19 | 18 | 100 | 297 |
| Massachu'ts | 34,099 | 216,120 | 9,003 | 576 | 480 | 454 | 20 | 302 | 1,386 | 491 |
| Michigan... | 35,051 | 42,013 | 8,552 | 558 | 12,559 | 110 | 25 | 1,516 | 2,406 | 2,116 |
| Minnesota.. | 5,670 | 21,746 | 2,194 | 944 | 1,855 | 40 | 5 | 35,940 | 20,987 | 2,162 |
| Mississippi. | 1,088 | 3,359 | 434 | 25 | 35 | 147 | 32 | 78 | 970 | 266 |
| Missouri.... | 14,314 | 54,983 | 3,283 | 1,524 | 1,167 | 936 | 90 | 297 | 2,302 | 6,597 |
| Nebraska... | 3,603 | 4,999 | 792 | 220 | 180 | 44 | 11 | 506 | 2,352 | 593 |
| Nevada.... | 2,549 | 5,035 | 630 | 301 | 44 | 199 | 226 | 80 | 217 | 247 |
| N. Hampshire | 2,679 | 12,190 | 892 | 27 | 5 | 9 | 1 | 55 | 42 | 11 |
| New Jersey | 26,614 | 86,784 | 5,710 | 804 | 2,944 | 257 | 46 | 90 | 554 | 2,061 |
| New York... | 110,071 | 528,806 | 27,282 | 7,857 | 6,426 | 3,592 | 127 | 975 | 5,522 | 7,916 |
| N Carolina | 490 | 677 | 420 | 10 | 13 | 19 | 2 | 5 | 38 | 80 |
| Ohio..... | 36,561 | 82,674 | 7,819 | 12,933 | 2,018 | 564 | 41 | 64 | 252 | 12,727 |
| Oregon.... | 1,347 | 1,967 | 394 | 63 | 39 | 21 | 51 | 76 | 205 | 160 |
| Pennsylvania | 69,665 | 235,798 | 16,846 | 27,633 | 819 | 784 | 86 | 115 | 2,266 | 5,765 |
| Rhode Isl'd | 9,291 | 31,534 | 1,948 | 56 | 45 | 58 | 2 | 22 | 106 | 74 |
| S. Carolina. | 617 | 3,262 | 310 | 15 | 32 | 63 | 2 | ..... | 61 | 45 |
| Tennessee.. | 2,085 | 8,048 | 555 | 314 | 100 | 483 | 17 | 37 | 349 | 802 |
| Texas..... | 2,037 | 4,081 | 621 | 55 | 54 | 186 | 23,020 | 403 | 364 | 599 |
| Vermont.... | 1,946 | 14,080 | 1,240 | 565 | 20 | 17 | 5 | 34 | 83 | 19 |
| Virginia... | 1,909 | 5,191 | 705 | 148 | 231 | 162 | 13 | 17 | 30 | 148 |
| W. Virginia | 1,811 | 6,822 | 746 | 321 | 174 | 34 | ..... | 1 | 5 | 325 |
| Wisconsin.. | 28,192 | 48,479 | 6,590 | 6,550 | 5,990 | 104 | 47 | 40,046 | 2,799 | 6,069 |
| The States | 528,990 | 1,833,726 | 136,846 | 74,607 | 16,561 | 16,766 | 33,920 | 112,116 | 94,447 | 73,972 |
| Arizona... | 134 | 495 | 54 | 3 | 11 | 12 | 4,318 | 7 | 7 | 23 |
| Colorado... | 1,358 | 1,685 | 188 | 165 | 17 | 16 | 129 | 40 | 180 | 140 |
| Dakota.... | 248 | 888 | 77 | 3 | 8 | 4 | 6 | 1,179 | 380 | 31 |
| District of Columbia } | 1,422 | 8,218 | 352 | 29 | 23 | 182 | 17 | 5 | 22 | 175 |
| Idaho..... | 540 | 986 | 114 | 335 | 9 | 11 | 46 | 61 | 91 | 52 |
| Montana... | 692 | 1,635 | 208 | 197 | 18 | 34 | 31 | 88 | 141 | 97 |
| N. Mexico.. | 120 | 543 | 36 | 9 | 3 | 25 | 3,913 | 5 | 6 | 42 |
| Utah..... | 16,073 | 502 | 2,391 | 1,783 | 122 | 74 | 8 | 613 | 1,790 | 509 |
| Washington | 791 | 1,047 | 309 | 44 | 25 | 24 | 13 | 104 | 159 | 50 |
| Wyoming.. | 556 | 1,102 | 260 | 58 | 5 | 9 | 4 | 28 | 109 | 60 |
| Territories | 21,934 | 17,101 | 3,980 | 2,620 | 241 | 391 | 8,515 | 2,130 | 2,885 | 1,181 |
| Total, Uni- ted States | 550,924 | 1,855,827 | 140,835 | 74,533 | 46,802 | 17,157 | 42,435 | 114,246 | 97,332 | 75,153 |

ILLITERACY BY STATES AND TERRITORIES: DISTINGUISHED INTO WHITE AND COLORED, NATIVE AND FOREIGN-BORN.

[Compiled from the Census of the United States for 1870.]

| STATES AND TERRITORIES. | TOTAL POPULA- TION, 1870. | CANNOT WRITE. | | | | | CANNOT READ. |
|-------------------------------|------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | White. | Colored. | Native. | Foreign Born. | Total. | Total. |
| | | 10 years and up- ward. | 10 years and up- ward. | 10 years and up- ward. | 10 years and up- ward. | 10 years and up- ward. | 10 years and up- ward. |
| 1 Alabama..... | 996,992 | 92,059 | 290,898 | 382,142 | 870 | 383,012 | 349,771 |
| 2 Arkansas..... | 484,471 | 64,095 | 68,533 | 183,048 | 296 | 133,339 | 111,799 |
| 3 California..... | 560,247 | 26,158 | 586 | 9,520 | 22,196 | 31,716 | 24,877 |
| 4 Connecticut..... | 537,454 | 27,913 | 1,675 | 5,678 | 23,938 | 29,616 | 19,680 |
| 5 Delaware..... | 125,015 | 11,280 | 11,820 | 20,631 | 2,469 | 23,100 | 19,356 |
| 6 Florida..... | 187,748 | 18,904 | 52,894 | 71,235 | 568 | 71,803 | 66,238 |
| 7 Georgia..... | 1,184,109 | 124,939 | 333,687 | 467,508 | 1,090 | 468,593 | 418,553 |
| 8 Illinois..... | 2,539,891 | 123,624 | 9,950 | 90,595 | 42,989 | 133,584 | 86,368 |
| 9 Indiana..... | 1,680,637 | 120,761 | 8,268 | 113,185 | 13,939 | 127,124 | 76,634 |
| 10 Iowa..... | 1,191,792 | 44,145 | 1,534 | 24,979 | 20,692 | 45,671 | 24,115 |
| 11 Kansas..... | 384,899 | 16,978 | 7,213 | 20,449 | 4,101 | 24,550 | 16,369 |
| 12 Kentucky..... | 1,321,011 | 201,077 | 131,050 | 324,945 | 7,231 | 332,176 | 249,567 |
| 13 Louisiana..... | 726,915 | 50,749 | 224,998 | 268,773 | 7,385 | 276,158 | 257,184 |
| 14 Maine..... | 626,915 | 18,754 | 171 | 7,986 | 11,066 | 19,052 | 13,486 |
| 15 Maryland..... | 780,894 | 46,792 | 88,708 | 126,907 | 8,592 | 135,499 | 114,100 |
| 16 Massachusetts..... | 1,457,351 | 95,578 | 2,148 | 7,912 | 89,830 | 97,742 | 74,935 |
| 17 Michigan..... | 1,184,059 | 48,649 | 2,655 | 22,547 | 30,580 | 53,127 | 34,613 |
| 18 Minnesota..... | 439,706 | 23,941 | 102 | 5,558 | 18,855 | 24,413 | 13,747 |
| 19 Mississippi..... | 827,922 | 48,028 | 264,902 | 312,483 | 827 | 313,310 | 291,718 |
| 20 Missouri..... | 1,721,295 | 161,763 | 60,622 | 206,827 | 15,584 | 222,411 | 146,771 |
| 21 Nebraska..... | 122,993 | 4,630 | 205 | 3,552 | 1,309 | 4,861 | 2,365 |
| 22 Nevada..... | 42,491 | 653 | 21 | 98 | 774 | 872 | 737 |
| 23 New Hampshire..... | 318,300 | 10,131 | 95 | 1,992 | 7,934 | 9,926 | 7,618 |
| 24 New Jersey..... | 906,096 | 46,386 | 8,297 | 29,736 | 21,961 | 54,687 | 37,057 |
| 25 New York..... | 4,382,759 | 228,424 | 10,730 | 70,702 | 168,569 | 239,271 | 163,501 |
| 26 North Carolina..... | 1,071,361 | 166,397 | 230,606 | 397,573 | 117 | 397,690 | 339,789 |
| 27 Ohio..... | 2,665,260 | 142,383 | 20,766 | 134,102 | 39,070 | 173,172 | 92,730 |
| 28 Oregon..... | 90,923 | 2,411 | 96 | 3,003 | 1,424 | 4,427 | 2,609 |
| 29 Pennsylvania..... | 3,521,791 | 206,458 | 15,693 | 126,803 | 95,553 | 222,356 | 131,736 |
| 30 Rhode Island..... | 217,353 | 20,031 | 870 | 4,444 | 17,477 | 21,921 | 15,416 |
| 31 South Carolina..... | 705,606 | 55,167 | 235,164 | 289,726 | 653 | 290,379 | 265,908 |
| 32 Tennessee..... | 1,258,520 | 178,727 | 185,952 | 362,955 | 1,742 | 364,697 | 290,549 |
| 33 Texas..... | 818,579 | 70,895 | 150,617 | 203,334 | 18,369 | 221,708 | 189,423 |
| 34 Vermont..... | 330,551 | 17,584 | 116 | 3,902 | 18,804 | 17,706 | 15,135 |
| 35 Virginia..... | 1,225,163 | 123,538 | 322,236 | 444,623 | 1,270 | 445,893 | 390,913 |
| 36 West Virginia..... | 442,014 | 71,493 | 9,997 | 78,339 | 3,101 | 81,490 | 48,808 |
| 37 Wisconsin..... | 1,054,870 | 54,845 | 460 | 14,113 | 41,328 | 55,441 | 35,081 |
| The States..... | 38,115,641 | 776,158 | 2,765,370 | 4,791,935 | 760,553 | 5,552,488 | 4,438,206 |
| 1 Arizona..... | 9,658 | 2,729 | 1 | 262 | 2,491 | 2,753 | 2,690 |
| 2 Colorado..... | 39,864 | 6,564 | 146 | 6,568 | 255 | 6,823 | 6,297 |
| 3 Dakota..... | 14,181 | 914 | 31 | 758 | 805 | 1,563 | 1,249 |
| 4 Dist. of Columbia..... | 131,700 | 4,876 | 23,843 | 26,501 | 2,218 | 28,719 | 22,845 |
| 5 Idaho..... | 14,999 | 486 | 16 | 138 | 3,250 | 3,388 | 3,293 |
| 6 Montana..... | 20,595 | 643 | 68 | 394 | 524 | 918 | 667 |
| 7 New Mexico..... | 91,874 | 51,130 | 109 | 49,311 | 2,909 | 52,220 | 48,836 |
| 8 Utah..... | 86,786 | 7,097 | 22 | 3,334 | 4,029 | 7,363 | 2,515 |
| 9 Washington..... | 23,955 | 823 | 34 | 804 | 503 | 1,307 | 1,018 |
| 10 Wyoming..... | 9,118 | 431 | 49 | 266 | 336 | 602 | 463 |
| The Territories..... | 442,730 | 75,753 | 24,319 | 88,336 | 17,320 | 105,656 | 89,878 |
| Total in the U.S..... | 38,558,371 | 2,851,911 | 2,789,689 | 4,880,271 | 777,873 | 5,658,144 | 4,528,084 |

NOTE.—The second column shows the white population of ten years and over who are unable to write, in each State and Territory, and for the whole United States; the sixth column sums up all classes and nationalities over ten years who are unable to write; and the last column shows the aggregate of all classes and nationalities over ten years who are unable to read.

CITIZENSHIP, WITH THE TOTAL MALE POPULATION—1870.

[From the Official Returns of the United States Census, 1870.]

| STATES AND TERRITORIES. | TOTAL MALE. | MALES 21 YEARS AND UPWARD. | | | | | 21 AND UPWARD |
|-------------------------|-------------|----------------------------|-----------|-----------|----------|---------|----------------|
| | | All Classes. | White. | Colored. | Chinese. | Indian. | Male Citizens. |
| The United States | 19,493,565 | 9,439,206 | 8,353,719 | 1,082,475 | 47,531 | 5,481 | 8,425,941 |
| 1 Alabama | 488,738 | 203,315 | 105,474 | 97,823 | ..... | 18 | 202,046 |
| 2 Arizona | 6,887 | 5,353 | 5,311 | 18 | 19 | 5 | 3,397 |
| 3 Arkansas | 248,261 | 104,083 | 77,195 | 26,789 | 83 | 16 | 100,403 |
| 4 California | 349,479 | 227,256 | 186,823 | 1,731 | 36,890 | 1,812 | 145,802 |
| 5 Colorado | 24,820 | 16,294 | 16,083 | 197 | 6 | 8 | 15,515 |
| 6 Connecticut | 265,270 | 150,415 | 147,659 | 2,700 | ..... | 56 | 127,499 |
| 7 Dakota | 8,878 | 5,724 | 5,496 | 28 | ..... | 200 | 5,234 |
| 8 Delaware | 62,628 | 30,035 | 24,811 | 5,224 | ..... | ..... | 28,207 |
| 9 Dist. of Columbia | 62,192 | 33,329 | 23,178 | 10,143 | 1 | 7 | 31,622 |
| 10 Florida | 94,548 | 39,907 | 21,064 | 18,842 | ..... | 1 | 38,854 |
| 11 Georgia | 578,955 | 237,640 | 129,665 | 107,962 | 1 | 12 | 234,919 |
| 12 Idaho | 12,184 | 10,313 | 6,501 | 38 | 3,766 | 8 | 5,557 |
| 13 Illinois | 1,316,537 | 625,139 | 617,435 | 7,694 | 1 | 9 | 542,833 |
| 14 Indiana | 857,994 | 388,231 | 382,070 | 6,113 | ..... | 48 | 376,780 |
| 15 Iowa | 625,917 | 290,717 | 289,162 | 1,542 | 1 | 11 | 255,802 |
| 16 Kansas | 202,224 | 105,671 | 101,480 | 3,985 | ..... | 206 | 99,069 |
| 17 Kentucky | 665,675 | 289,471 | 245,133 | 44,321 | ..... | 17 | 282,305 |
| 18 Louisiana | 362,165 | 174,187 | 87,066 | 86,913 | 68 | 140 | 159,001 |
| 19 Maine | 313,103 | 169,821 | 169,192 | 497 | 1 | 131 | 153,160 |
| 20 Maryland | 384,984 | 184,742 | 145,619 | 39,120 | 1 | 2 | 169,845 |
| 21 Massachusetts | 703,779 | 398,157 | 394,031 | 4,073 | 20 | 33 | 312,770 |
| 22 Michigan | 617,745 | 315,937 | 311,712 | 3,130 | 2 | 1,093 | 274,459 |
| 23 Minnesota | 235,299 | 114,739 | 114,344 | 246 | ..... | 149 | 75,274 |
| 24 Mississippi | 413,421 | 174,845 | 84,784 | 89,926 | 15 | 120 | 169,737 |
| 25 Missouri | 896,347 | 408,206 | 384,314 | 23,882 | 2 | 8 | 380,235 |
| 26 Montana | 16,771 | 13,424 | 12,545 | 108 | 742 | 29 | 11,523 |
| 27 Nebraska | 70,425 | 39,080 | 38,782 | 290 | ..... | 8 | 36,169 |
| 28 Nevada | 32,379 | 26,920 | 24,245 | 203 | 2,467 | 5 | 18,652 |
| 29 New Hampshire | 155,640 | 91,016 | 90,834 | 176 | ..... | 6 | 88,361 |
| 30 New Jersey | 449,672 | 231,862 | 223,983 | 7,870 | 5 | 4 | 194,109 |
| 31 New Mexico | 47,135 | 23,332 | 23,176 | 85 | ..... | 71 | 22,442 |
| 32 New York | 2,163,229 | 1,158,901 | 1,144,165 | 14,586 | 23 | 127 | 961,587 |
| 33 North Carolina | 518,704 | 217,813 | 139,535 | 78,019 | ..... | 259 | 214,224 |
| 34 Ohio | 1,337,550 | 640,820 | 625,176 | 15,614 | 1 | 29 | 592,350 |
| 35 Oregon | 53,131 | 28,616 | 25,640 | 143 | 2,789 | 44 | 24,608 |
| 36 Pennsylvania | 1,758,499 | 865,883 | 848,790 | 17,072 | 9 | 12 | 776,345 |
| 37 Rhode Island | 104,756 | 58,752 | 57,312 | 1,404 | ..... | 36 | 43,996 |
| 38 South Carolina | 343,902 | 148,052 | 62,547 | 85,475 | 1 | 29 | 146,614 |
| 39 Tennessee | 623,347 | 263,200 | 199,056 | 64,131 | ..... | 13 | 259,016 |
| 40 Texas | 423,557 | 184,094 | 132,390 | 51,575 | 14 | 115 | 169,215 |
| 41 Utah | 44,121 | 18,042 | 17,654 | 36 | 316 | 36 | 10,147 |
| 42 Vermont | 165,721 | 90,806 | 90,522 | 278 | ..... | 6 | 74,867 |
| 43 Virginia | 597,058 | 269,242 | 161,500 | 107,691 | 4 | 47 | 266,680 |
| 44 Washington | 14,990 | 9,241 | 8,750 | 67 | 185 | 239 | 7,902 |
| 45 West Virginia | 222,643 | 95,317 | 91,345 | 3,972 | ..... | ..... | 93,435 |
| 46 Wisconsin | 544,886 | 255,159 | 254,262 | 642 | ..... | 255 | 203,077 |
| 47 Wyoming | 7,219 | 6,107 | 5,908 | 101 | 97 | 1 | 5,297 |
| Totals | 19,493,565 | 9,439,206 | 8,353,719 | 1,082,475 | 47,531 | 5,481 | 8,425,941 |

NOTE.—The last column on the right indicates the total number of citizens under the Constitution, born or naturalized in the United States, who have reached the age qualifying them for the right of suffrage.

ACREAGE AND VALUE OF FARMS IN THE UNITED STATES IN 1860 AND 1870.

| STATES AND TERRITORIES. | LAND IN FARMS. | | | Value of Farms, 1870. | Value of Farms, 1860. | AVERAGE SIZE OF FARMS. | |
|-------------------------------|-----------------|---------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|---------------|
| | Total Acres. | Improved, Acres. | Unim- proved, Acres. | | | 1870 Acres | 1860 Acres |
| | | | | <i>Dollars.</i> | <i>Dollars.</i> | | |
| The U.S. | 407,735,041 | 188,921,099 | 218,813,942 | 9,262,803,861 | 6,645,045,007 | 153 | 199 |
| Alabama.. | 14,961,178 | 5,062,204 | 9,898,974 | 67,739,036 | 175,844,622 | 222 | 346 |
| Arizona.. | 21,807 | 14,585 | 7,222 | 161,340 | ..... | 127 | ..... |
| Arkansas. | 7,597,296 | 1,859,821 | 5,737,475 | 40,029,698 | 91,649,773 | 154 | 245 |
| California | 11,427,105 | 6,218,133 | 5,208,972 | 141,240,028 | 48,726,804 | 482 | 466 |
| Colorado.. | 320,346 | 95,594 | 224,752 | 3,385,748 | ..... | 184 | ..... |
| Connect't. | 2,364,416 | 1,646,752 | 717,664 | 124,241,382 | 90,830,005 | 93 | 99 |
| Dakota .. | 302,376 | 42,645 | 259,731 | 2,085,265 | 96,445 | 176 | 215 |
| Delaware. | 1,052,322 | 698,115 | 354,207 | 46,712,870 | 31,426,357 | 138 | 151 |
| D. of Col.. | 11,677 | 8,266 | 3,411 | 3,800,230 | 2,989,267 | 56 | 144 |
| Florida... | 2,373,541 | 736,172 | 1,637,369 | 9,947,920 | 16,435,727 | 232 | 444 |
| Georgia... | 23,647,941 | 6,831,856 | 16,816,085 | 94,559,468 | 157,072,803 | 338 | 430 |
| Idaho .. | 77,139 | 26,603 | 50,536 | 492,860 | ..... | 186 | ..... |
| Illinois... | 25,882,861 | 19,329,952 | 6,552,909 | 920,506,346 | 408,944,033 | 128 | 146 |
| Indiana... | 18,119,648 | 10,104,279 | 8,015,369 | 634,804,189 | 356,712,175 | 112 | 124 |
| Iowa | 15,541,793 | 9,396,467 | 6,145,326 | 392,662,441 | 119,899,547 | 134 | 165 |
| Kansas... | 5,656,879 | 1,971,003 | 3,685,876 | 90,327,040 | 12,258,239 | 148 | 171 |
| Kentucky | 18,660,106 | 8,103,850 | 10,556,256 | 311,238,916 | 291,496,955 | 158 | 211 |
| Louisiana | 7,025,817 | 2,045,640 | 4,980,177 | 68,215,421 | 204,789,662 | 247 | 536 |
| Maine.... | 5,838,058 | 2,917,793 | 2,920,265 | 102,961,951 | 78,688,525 | 98 | 103 |
| Maryland | 4,512,579 | 2,914,007 | 1,598,572 | 170,369,684 | 145,973,677 | 167 | 190 |
| Massa'tts. | 2,730,283 | 1,736,221 | 994,062 | 116,432,784 | 123,255,948 | 103 | 94 |
| Michigan. | 10,019,142 | 5,096,939 | 4,922,203 | 398,240,578 | 160,896,495 | 101 | 113 |
| Minnesota | 6,483,828 | 2,322,102 | 4,161,726 | 97,847,442 | 27,505,922 | 139 | 149 |
| Mississ'pi | 13,121,113 | 4,209,146 | 8,911,967 | 81,716,576 | 190,760,267 | 193 | 370 |
| Missouri.. | 21,707,220 | 9,130,615 | 12,576,605 | 392,908,047 | 230,632,126 | 146 | 215 |
| Montana.. | 139,537 | 84,674 | 54,863 | 729,193 | ..... | 164 | ..... |
| Nebraska. | 2,073,781 | 647,031 | 1,426,750 | 30,242,186 | 3,878,326 | 160 | 226 |
| Nevada... | 208,510 | 92,644 | 115,866 | 1,485,505 | 802,340 | 201 | 617 |
| N. H'shire | 3,605,994 | 2,334,487 | 1,271,507 | 80,589,313 | 69,689,761 | 122 | 123 |
| N. Jersey. | 2,989,511 | 1,976,474 | 1,013,037 | 257,523,376 | 180,250,338 | 98 | 103 |
| N. Mexico | 833,549 | 143,007 | 690,542 | 2,260,139 | 2,707,386 | 186 | 273 |
| New York | 22,190,810 | 15,627,206 | 6,563,604 | 1,272,857,766 | 803,343,593 | 103 | 106 |
| N. Carol'a | 19,835,410 | 5,258,742 | 14,576,668 | 78,211,083 | 143,301,065 | 212 | 316 |
| Ohio..... | 21,712,421 | 14,469,133 | 7,243,287 | 1,054,465,226 | 678,132,991 | 111 | 114 |
| Oregon... | 2,339,252 | 1,116,290 | 1,222,962 | 22,352,989 | 15,200,593 | 315 | 355 |
| Penn'sia | 17,994,200 | 11,515,965 | 6,478,235 | 1,043,481,582 | 662,050,707 | 103 | 109 |
| Rhode Is. | 502,308 | 289,030 | 213,278 | 21,574,968 | 19,550,553 | 94 | 96 |
| S. Carol'a | 12,105,280 | 3,010,539 | 9,094,741 | 44,808,763 | 139,652,508 | 233 | 483 |
| Tenness'e | 19,581,214 | 6,843,278 | 12,737,936 | 218,743,747 | 271,358,985 | 166 | 251 |
| Texas | 18,396,523 | 2,964,836 | 15,431,687 | 60,149,950 | 88,101,320 | 301 | 591 |
| Utah | 148,361 | 118,735 | 29,606 | 2,297,922 | 1,333,355 | 80 | 2 |
| Vermont... | 4,528,804 | 3,073,257 | 1,455,547 | 139,367,075 | 94,289,045 | 134 | 13 |
| Virginia.. | 18,145,911 | 8,165,040 | 9,980,871 | 213,020,845 | 371,761,661 | 246 | 32 |
| Wash'ton | 649,139 | 192,016 | 457,123 | 3,978,941 | 2,217,842 | 208 | 27 |
| W. Virg'a | 8,528,394 | 2,580,254 | 5,948,140 | 101,604,381 | ..... | 214 | ..... |
| Wisc'nsin | 11,715,321 | 5,899,343 | 5,815,978 | 300,414,064 | 131,117,164 | 114 | 11 |
| Wyoming | 4,341 | 338 | 4,003 | 18,187 | ..... | 25 | ..... |
| Total in the U.S. | 407,735,041 | 188,921,099 | 218,813,942 | 9,262,803,861 | 6,645,045,007 | 153 | 199 |

VALUES OF FARM PRODUCTIONS AND WAGES—1870.

From the Tables of the Ninth Census.

| STATES AND TERRITORIES. | All Farm productions including betterments and stock added. | Animals Slaughtered. | Forest Products. | Market Garden Products. | Orchard Products. | Wages paid, including value of board. |
|-------------------------|---|----------------------|------------------|-------------------------|-------------------|---------------------------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| United States | 2,447,538,658 | 398,956,376 | 36,808,277 | 20,719,229 | 47,335,189 | 310,286,285 |
| Alabama..... | 67,522,335 | 4,670,146 | 85,933 | 139,636 | 37,550 | 11,851,870 |
| Arizona..... | 277,998 | 9,400 | ..... | 2,850 | ..... | 104,620 |
| Arkansas..... | 40,701,699 | 3,843,923 | 34,325 | 55,697 | 157,219 | 4,061,452 |
| California..... | 49,856,024 | 6,112,503 | 566,017 | 1,059,779 | 1,384,480 | 10,369,247 |
| Colorado..... | 2,335,106 | 252,394 | ..... | 55,020 | 9 | 416,236 |
| Connecticut.... | 26,482,150 | 4,881,858 | 1,224,107 | 599,718 | 525,594 | 4,405,064 |
| Dakota..... | 495,657 | 22,066 | 700 | 500 | ..... | 71,156 |
| Delaware..... | 8,171,667 | 997,403 | 111,810 | 198,075 | 1,226,893 | 1,696,571 |
| Dist. Columbia | 319,517 | 455 | ..... | 112,034 | 6,781 | 124,338 |
| Florida..... | 8,909,746 | 520,966 | 7,965 | 31,983 | 53,639 | 1,537,060 |
| Georgia..... | 80,390,228 | 6,854,382 | 1,281,623 | 193,266 | 352,926 | 19,787,086 |
| Idaho..... | 637,797 | 57,932 | ..... | 24,577 | 725 | 153,007 |
| Illinois..... | 210,860,585 | 56,718,944 | 1,087,144 | 765,992 | 3,571,789 | 22,338,767 |
| Indiana..... | 122,914,202 | 30,246,962 | 2,645,679 | 487,479 | 2,858,086 | 9,675,348 |
| Iowa..... | 114,386,441 | 25,781,223 | 1,200,468 | 244,963 | 1,075,169 | 8,377,878 |
| Kansas..... | 27,630,651 | 4,156,386 | 368,947 | 129,013 | 158,046 | 2,519,452 |
| Kentucky..... | 87,477,374 | 24,121,861 | 574,994 | 527,329 | 1,231,385 | 10,709,382 |
| Louisiana..... | 52,006,622 | 817,831 | 92,596 | 176,969 | 142,129 | 11,042,789 |
| Maine..... | 33,470,044 | 4,939,071 | 1,531,741 | 266,397 | 874,569 | 2,903,292 |
| Maryland..... | 35,343,927 | 4,621,418 | 613,209 | 1,039,782 | 1,319,405 | 8,560,367 |
| Massachusetts.. | 32,192,378 | 4,324,658 | 1,616,818 | 1,980,231 | 939,854 | 5,821,032 |
| Michigan..... | 81,508,623 | 11,711,624 | 2,559,682 | 352,658 | 3,447,985 | 8,421,161 |
| Minnesota..... | 33,446,400 | 3,076,650 | 311,528 | 115,234 | 15,818 | 4,459,201 |
| Mississippi.... | 73,137,953 | 4,090,818 | 39,975 | 61,735 | 71,018 | 10,326,794 |
| Missouri..... | 103,035,759 | 23,626,784 | 793,343 | 406,655 | 2,617,462 | 8,797,457 |
| Montana..... | 1,676,660 | 169,092 | 918 | 35,130 | ..... | 325,213 |
| Nebraska..... | 8,604,742 | 54,850 | 26,307 | 30,649 | 9,932 | 882,478 |
| Nevada..... | 1,659,713 | 104,471 | 36,700 | 31,235 | 900 | 438,350 |
| N. Hampshire.. | 22,473,547 | 3,720,243 | 1,743,944 | 119,997 | 743,552 | 2,319,164 |
| New Jersey.... | 42,725,198 | 6,982,162 | 352,704 | 2,978,250 | 1,295,282 | 8,314,548 |
| New Mexico.... | 1,905,060 | 224,765 | 500 | 64,132 | 13,609 | 523,888 |
| New York..... | 253,526,153 | 28,225,720 | 6,689,179 | 3,432,354 | 8,247,417 | 34,451,362 |
| North Carolina | 57,845,940 | 7,983,132 | 1,069,115 | 48,499 | 394,749 | 8,242,856 |
| Ohio..... | 198,256,907 | 40,498,375 | 2,719,140 | 1,289,272 | 5,843,679 | 16,480,778 |
| Oregon..... | 7,122,790 | 1,865,737 | 259,220 | 105,371 | 310,041 | 719,875 |
| Pennsylvania.. | 183,946,027 | 28,412,903 | 2,670,370 | 1,810,016 | 4,208,094 | 23,181,944 |
| Rhode Island.. | 4,761,163 | 755,552 | 254,683 | 316,133 | 43,036 | 1,124,118 |
| South Carolina | 41,909,402 | 2,507,149 | 167,253 | 127,459 | 47,960 | 7,404,297 |
| Tennessee..... | 86,472,847 | 15,856,880 | 335,317 | 301,093 | 571,520 | 7,118,003 |
| Texas..... | 49,185,170 | 4,835,284 | 66,841 | 74,924 | 69,172 | 4,777,638 |
| Utah..... | 1,973,142 | 172,382 | 800 | 8,700 | 43,628 | 133,695 |
| Vermont..... | 24,647,027 | 4,320,619 | 1,228,929 | 42,225 | 682,241 | 4,155,385 |
| Virginia..... | 51,774,801 | 8,375,975 | 686,862 | 505,117 | 891,231 | 9,753,041 |
| Washington... | 2,111,902 | 292,260 | 19,705 | 74,462 | 71,863 | 215,522 |
| W. Virginia.... | 23,379,692 | 4,914,792 | 363,668 | 69,974 | 848,773 | 1,903,788 |
| Wisconsin..... | 78,027,032 | 11,914,643 | 1,327,618 | 226,665 | 819,268 | 8,186,110 |
| Wyoming..... | 42,760 | 11,712 | ..... | ..... | ..... | 3,075 |
| Total—U. S.. | 2,447,538,658 | 398,956,376 | 36,808,277 | 20,719,229 | 47,335,189 | 310,286,285 |

NOTE.—The Census of Agriculture in the United States must be received with many grains of allowance, because of the very imperfect character of the forms or schedules under which it was taken. The schedule required the products of each farm in the United States for the year ending June 1. But there is no agricultural year ending June 1. Moreover, there were excluded from the enumeration the produce of all farms of less than three acres in extent, unless producing vegetables, etc., to the amount of \$500, or upwards, in value. Very large products must therefore have been excluded from the Census of Agriculture by its very terms.

PRINCIPAL CEREAL PRODUCTIONS OF THE UNITED STATES, 1870.

[From the Official Report of the Ninth Census, 1870.]

| STATES AND TERRITORIES. | Wheat. | Indian Corn. | Oats. | Barley. | Rye. | Buck-wheat. |
|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> |
| The U. S. | 287,745,626 | 760,944,549 | 282,107,157 | 29,761,305 | 16,918,795 | 9,821,721 |
| 1 Alabama. | 1,055,048 | 16,977,948 | 770,866 | 5,174 | 18,977 | 141 |
| 2 Arizona. | 27,052 | 32,041 | 25 | 55,077 | ..... | ..... |
| 3 Arkansas. | 741,736 | 13,382,145 | 528,777 | 1,921 | 27,645 | 226 |
| 4 California. | 16,676,702 | 1,221,222 | 1,757,507 | 8,783,490 | 26,275 | 21,928 |
| 5 Colorado. | 258,474 | 231,903 | 332,940 | 35,141 | 5,235 | 178 |
| 6 Connecticut. | 33,144 | 1,570,364 | 1,114,595 | 26,458 | 289,057 | 148,155 |
| 7 Dakota. | 170,662 | 133,140 | 114,327 | 4,118 | ..... | 179 |
| 8 Delaware. | 845,477 | 3,010,390 | 554,388 | 1,799 | 10,222 | 1,349 |
| 9 Dist. of Columbia. | 3,782 | 23,020 | 8,500 | ..... | 3,724 | 7 |
| 10 Florida. . . . . | ..... | 2,225,056 | 114,204 | 12 | 545 | ..... |
| 11 Georgia. | 2,127,017 | 17,646,459 | 1,904,601 | 5,640 | 82,549 | 402 |
| 12 Idaho. | 75,640 | 5,750 | 100,119 | 72,316 | 1,756 | ..... |
| 13 Illinois. | 30,128,405 | 129,921,395 | 42,780,851 | 2,490,400 | 2,456,578 | 168,862 |
| 14 Indiana. | 27,747,222 | 51,091,533 | 8,590,409 | 356,262 | 457,468 | 80,231 |
| 15 Iowa. | 29,435,692 | 68,935,065 | 21,005,142 | 1,960,779 | 505,807 | 109,432 |
| 16 Kansas. | 2,391,193 | 17,025,525 | 4,097,925 | 98,405 | 85,207 | 27,826 |
| 17 Kentucky. | 5,728,704 | 50,091,006 | 6,620,103 | 238,486 | 1,108,933 | 3,443 |
| 18 Louisiana. | 9,906 | 7,596,628 | 17,782 | 1,226 | 984 | 260 |
| 19 Maine. | 278,793 | 1,089,883 | 2,351,354 | 658,816 | 34,115 | 463,635 |
| 20 Maryland. | 5,774,503 | 11,701,817 | 3,221,643 | 11,315 | 307,089 | 77,867 |
| 21 Massachusetts. | 34,648 | 1,397,807 | 797,664 | 133,071 | 239,227 | 58,049 |
| 22 Michigan. | 16,265,773 | 14,086,238 | 8,954,466 | 834,558 | 144,508 | 436,755 |
| 23 Minnesota. | 18,863,073 | 4,743,117 | 10,678,261 | 1,032,024 | 78,088 | 52,438 |
| 24 Mississippi. | 274,479 | 15,637,316 | 414,586 | 3,973 | 14,852 | 1,619 |
| 25 Missouri. | 14,315,926 | 66,034,075 | 16,578,313 | 269,240 | 559,532 | 36,252 |
| 26 Montana. | 181,184 | 320 | 149,367 | 85,756 | 1,141 | 998 |
| 27 Nebraska. | 2,125,086 | 4,736,710 | 1,477,562 | 216,481 | 13,532 | 3,471 |
| 28 Nevada. | 228,866 | 9,660 | 55,916 | 295,452 | 310 | 935 |
| 29 New Hampshire. | 193,621 | 1,277,768 | 1,146,451 | 105,822 | 47,420 | 100,034 |
| 30 New Jersey. | 2,301,433 | 8,745,384 | 4,009,890 | 8,283 | 566,775 | 353,983 |
| 31 New Mexico. | 352,822 | 640,823 | 67,660 | 3,876 | 42 | 10 |
| 32 New York. | 12,178,472 | 16,462,825 | 35,293,625 | 7,434,621 | 2,478,125 | 3,904,030 |
| 33 North Carolina. | 2,859,879 | 18,454,215 | 3,220,105 | 3,186 | 352,006 | 20,109 |
| 34 Ohio. | 27,882,159 | 67,501,144 | 25,347,549 | 1,715,221 | 846,890 | 180,341 |
| 35 Oregon. | 2,340,746 | 72,138 | 2,029,909 | 210,736 | 3,890 | 1,645 |
| 36 Pennsylvania. | 19,672,967 | 34,702,006 | 36,478,585 | 529,562 | 3,577,641 | 2,532,173 |
| 37 Rhode Island. | 734 | 311,957 | 157,010 | 33,559 | 20,214 | 1,444 |
| 38 South Carolina. | 783,610 | 7,614,207 | 613,593 | 4,752 | 36,165 | 312 |
| 39 Tennessee. | 6,188,916 | 41,343,614 | 4,513,315 | 75,068 | 223,335 | 77,437 |
| 40 Texas. | 415,112 | 20,554,538 | 762,663 | 44,351 | 28,521 | 44 |
| 41 Utah. | 553,473 | 95,557 | 65,650 | 49,117 | 1,312 | 178 |
| 42 Vermont. | 454,703 | 1,699,882 | 3,602,430 | 117,333 | 73,346 | 415,096 |
| 43 Virginia. | 7,398,787 | 17,649,304 | 6,857,555 | 7,259 | 582,264 | 45,075 |
| 44 Washington. | 217,043 | 21,781 | 255,169 | 55,787 | 4,453 | 316 |
| 45 West Virginia. | 2,483,543 | 8,197,865 | 2,413,749 | 50,363 | 277,746 | 82,916 |
| 46 Wisconsin. | 25,606,344 | 15,033,998 | 20,180,016 | 1,645,019 | 1,325,294 | 408,897 |
| 47 Wyoming. . . . . | ..... | ..... | ..... | ..... | ..... | ..... |
| Total—U. S. | 287,745,626 | 760,944,549 | 282,107,157 | 29,761,305 | 16,918,795 | 9,821,721 |

NOTE.—The production of the six cereals above named, at the two preceding censuses, was as follows :

| | Wheat. | Indian Corn. | Oats. | Barley. | Rye. | Buck-wheat. |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> |
| Census of 1850. | 100,435,944 | 592,071,104 | 146,584,179 | 5,167,015 | 14,188,813 | 8,966,912 |
| Census of 1860. | 173,104,924 | 688,792,742 | 172,643,185 | 15,625,898 | 21,101,380 | 17,571,818 |

DOMESTIC ANIMALS IN THE UNITED STATES IN 1870.

[From the Official Tables of the Ninth Census.]

| STATES AND TERRITORIES. | Horses. | Mules and Asses. | Neat Cattle. | Sheep. | Swine. |
|--------------------------|-----------|------------------|--------------|------------|------------|
| 1 Alabama..... | 92,807 | 76,673 | 500,206 | 241,934 | 719,757 |
| 2 Arizona..... | 4,482 | 401 | 38,633 | 803 | 720 |
| 3 Arkansas..... | 102,240 | 36,202 | 379,023 | 161,077 | 841,129 |
| 4 California..... | 241,146 | 17,538 | 669,280 | 2,768,187 | 444,617 |
| 5 Colorado..... | 13,317 | 1,173 | 159,456 | 120,928 | 5,509 |
| 6 Connecticut..... | 54,139 | 190 | 231,094 | 83,684 | 51,983 |
| 7 Dakota..... | 3,243 | 225 | 56,724 | 1,901 | 2,033 |
| 8 Delaware..... | 18,633 | 3,584 | 53,990 | 22,714 | 39,818 |
| 9 District of Columbia.. | 6,029 | 124 | 1,801 | 604 | 577 |
| 10 Florida..... | 14,451 | 8,835 | 453,451 | 26,599 | 158,908 |
| 11 Georgia..... | 110,237 | 87,426 | 809,667 | 419,465 | 988,566 |
| 12 Idaho..... | 2,775 | 371 | 59,996 | 1,021 | 2,316 |
| 13 Illinois..... | 1,017,646 | 85,075 | 1,944,573 | 1,568,286 | 2,703,343 |
| 14 Indiana..... | 553,203 | 43,259 | 1,182,998 | 1,612,680 | 1,872,230 |
| 15 Iowa..... | 482,786 | 25,485 | 1,137,045 | 855,498 | 1,353,906 |
| 16 Kansas..... | 152,000 | 11,786 | 998,347 | 109,088 | 206,587 |
| 17 Kentucky..... | 351,200 | 99,290 | 812,380 | 936,765 | 1,658,227 |
| 18 Louisiana..... | 62,584 | 61,338 | 383,364 | 118,602 | 338,326 |
| 19 Maine..... | 79,782 | 336 | 428,826 | 434,666 | 45,760 |
| 20 Maryland..... | 102,216 | 9,880 | 231,399 | 129,697 | 257,893 |
| 21 Massachusetts..... | 86,266 | 103 | 271,315 | 78,560 | 49,178 |
| 22 Michigan..... | 253,670 | 2,353 | 635,134 | 1,965,906 | 417,811 |
| 23 Minnesota..... | 102,678 | 2,350 | 365,241 | 132,343 | 148,473 |
| 24 Mississippi..... | 104,600 | 85,886 | 581,247 | 232,732 | 814,381 |
| 25 Missouri..... | 545,822 | 111,502 | 1,269,065 | 1,352,001 | 2,306,430 |
| 26 Montana..... | 6,733 | 475 | 82,360 | 2,024 | 2,599 |
| 27 Nebraska..... | 83,901 | 2,682 | 892,716 | 22,725 | 59,449 |
| 28 Nevada..... | 14,400 | 990 | 40,969 | 11,018 | 3,295 |
| 29 New Hampshire..... | 43,335 | 37 | 236,169 | 248,760 | 83,137 |
| 30 New Jersey..... | 103,663 | 8,853 | 229,066 | 120,067 | 142,563 |
| 31 New Mexico..... | 26,500 | 6,141 | 186,301 | 619,438 | 11,267 |
| 32 New York..... | 856,341 | 4,407 | 2,066,280 | 2,181,578 | 518,251 |
| 33 North Carolina..... | 114,406 | 50,684 | 618,263 | 463,435 | 1,075,215 |
| 34 Ohio..... | 704,664 | 16,065 | 1,521,421 | 4,928,635 | 1,728,968 |
| 35 Oregon..... | 64,625 | 2,581 | 150,246 | 318,123 | 119,455 |
| 36 Pennsylvania..... | 611,488 | 18,009 | 1,505,897 | 1,794,301 | 867,548 |
| 37 Rhode Island..... | 11,113 | 43 | 40,105 | 23,938 | 14,007 |
| 38 South Carolina..... | 54,052 | 41,327 | 289,207 | 124,594 | 395,999 |
| 39 Tennessee..... | 273,300 | 102,953 | 682,318 | 826,783 | 1,828,690 |
| 40 Texas..... | 574,641 | 61,322 | 3,990,158 | 714,351 | 1,202,445 |
| 41 Utah..... | 14,281 | 2,879 | 190,934 | 59,672 | 3,150 |
| 42 Vermont..... | 69,015 | 252 | 346,501 | 580,347 | 46,345 |
| 43 Virginia..... | 168,938 | 26,903 | 573,152 | 370,145 | 674,670 |
| 44 Washington..... | 13,923 | 943 | 51,979 | 44,063 | 17,491 |
| 45 West Virginia..... | 99,362 | 2,139 | 387,881 | 552,327 | 268,031 |
| 46 Wisconsin..... | 270,063 | 4,195 | 831,953 | 1,069,282 | 512,778 |
| 47 Wyoming..... | 3,753 | 283 | 36,472 | 6,409 | 146 |
| Total—United States. | 8,690,219 | 1,125,415 | 23,074,582 | 28,477,951 | 25,134,569 |

ASSESSED VALUE AND ESTIMATED TRUE VALUE OF PROPERTY IN THE UNITED STATES IN 1870.

[From the Returns of the Ninth Census, 1870.]

| STATES AND TERRITORIES. | ASSESSED VALUE. | | | TRUE VALUE. |
|-----------------------------|-----------------------|----------------------|----------------------|---------------------------|
| | Total. | Real Estate | Personal Estate. | Real and Personal Estate. |
| | \$ | \$ | \$ | \$ |
| The United States.. | 14,178,986,732 | 9,914,780,825 | 4,264,205,907 | 30,068,518,507 |
| 1 Alabama | 155,582,595 | 117,223,043 | 38,359,552 | 201,855,841 |
| 2 Arkansas..... | 94,528,848 | 63,102,304 | 31,426,539 | 156,894,691 |
| 3 California..... | 269,644,068 | 176,527,180 | 93,116,908 | 638,767,017 |
| 4 Connecticut..... | 425,433,237 | 204,110,509 | 221,322,728 | 774,631,524 |
| 5 Delaware | 64,787,223 | 48,744,783 | 16,042,440 | 97,180,833 |
| 6 Florida | 32,480,843 | 20,197,691 | 12,283,152 | 44,173,655 |
| 7 Georgia | 227,219,519 | 143,948,216 | 83,271,308 | 268,169,207 |
| 8 Illinois..... | 482,899,575 | 348,433,906 | 134,465,669 | 2,121,640,579 |
| 9 Indiana | 663,455,044 | 460,120,974 | 203,334,070 | 1,268,180,543 |
| 10 Iowa | 302,515,418 | 226,610,638 | 75,904,780 | 717,644,750 |
| 11 Kansas..... | 92,125,861 | 65,499,365 | 26,626,496 | 188,892,014 |
| 12 Kentucky..... | 409,544,294 | 311,479,694 | 98,064,600 | 604,318,553 |
| 13 Louisiana..... | 253,371,890 | 191,243,376 | 62,028,514 | 323,125,666 |
| 14 Maine | 204,253,780 | 134,580,157 | 69,673,623 | 348,155,671 |
| 15 Maryland | 423,834,918 | 286,910,332 | 136,924,586 | 643,748,976 |
| 16 Massachusetts..... | 1,591,983,112 | 901,037,841 | 690,945,271 | 2,132,148,741 |
| 17 Michigan..... | 272,242,917 | 224,663,667 | 47,579,250 | 719,208,118 |
| 18 Minnesota..... | 84,135,332 | 62,079,637 | 22,055,745 | 228,909,590 |
| 19 Mississippi..... | 177,278,990 | 118,278,480 | 59,000,480 | 209,197,845 |
| 20 Missouri..... | 556,129,969 | 418,527,535 | 137,602,434 | 1,284,922,897 |
| 21 Nebraska..... | 54,584,616 | 38,365,999 | 16,218,617 | 69,277,423 |
| 22 Nevada | 25,740,973 | 14,594,722 | 11,146,251 | 31,184,013 |
| 23 New Hampshire..... | 149,065,290 | 85,231,238 | 63,834,002 | 252,624,112 |
| 24 New Jersey..... | 624,868,971 | 448,832,127 | 176,036,844 | 940,976,064 |
| 25 New York..... | 1,967,001,185 | 1,532,720,907 | 434,280,278 | 6,500,841,264 |
| 26 North Carolina..... | 130,378,622 | 83,322,012 | 47,056,610 | 260,757,244 |
| 27 Ohio | 1,167,731,697 | 707,846,836 | 459,884,861 | 2,235,430,300 |
| 28 Oregon | 31,798,510 | 17,674,202 | 14,124,308 | 51,558,923 |
| 29 Pennsylvania..... | 1,313,236,042 | 1,071,680,934 | 241,555,108 | 3,808,340,112 |
| 30 Rhode Island..... | 244,278,854 | 132,876,531 | 111,402,323 | 296,965,646 |
| 31 South Carolina..... | 183,913,337 | 119,494,675 | 64,418,662 | 208,146,969 |
| 32 Tennessee..... | 253,782,161 | 223,035,375 | 30,746,786 | 498,237,734 |
| 33 Texas..... | 149,732,929 | 97,186,568 | 52,546,361 | 159,062,542 |
| 34 Vermont..... | 102,548,528 | 80,993,100 | 21,555,428 | 235,349,553 |
| 35 Virginia..... | 365,439,917 | 279,116,017 | 86,323,900 | 409,588,133 |
| 36 West Virginia..... | 140,533,273 | 95,924,774 | 44,613,499 | 190,651,491 |
| 37 Wisconsin..... | 333,209,538 | 252,322,107 | 80,887,731 | 702,307,320 |
| The States..... | 14,021,297,071 | 9,804,637,462 | 4,216,659,609 | 22,822,525,140 |
| 1 Arizona..... | 1,410,295 | 538,355 | 871,940 | 3,440,751 |
| 2 Colorado | 17,338,101 | 8,840,811 | 8,497,290 | 20,243,803 |
| 3 Dakota | 2,924,489 | 1,695,723 | 1,228,766 | 5,599,732 |
| 4 District of Columbia..... | 74,271,693 | 71,437,468 | 2,834,225 | 128,873,618 |
| 5 Idaho | 5,292,205 | 1,926,565 | 3,365,640 | 6,552,681 |
| 6 Montana..... | 9,943,411 | 2,728,128 | 7,215,283 | 15,184,522 |
| 7 New Mexico..... | 17,784,014 | 9,917,991 | 7,866,023 | 31,349,793 |
| 8 Utah | 12,565,842 | 7,047,881 | 5,517,961 | 16,159,995 |
| 9 Washington..... | 10,642,863 | 5,146,776 | 5,496,087 | 13,562,164 |
| 10 Wyoming..... | 5,516,748 | 863,665 | 4,653,083 | 7,016,748 |
| The Territories..... | 157,689,661 | 110,143,363 | 47,546,298 | 245,968,367 |
| Total—The U. S. . . | 14,178,986,732 | 9,914,780,825 | 4,264,205,907 | 30,068,518,507 |

PUBLIC INDEBTEDNESS OF THE STATES IN 1870.

[From the Official Report of the Ninth Census, 1870.]

| STATES AND TERRITORIES. | Total. | State. | County. | Town, City, etc. |
|---------------------------|-------------|-------------|-------------|------------------|
| | \$ | \$ | \$ | \$ |
| The United States..... | 868,676,758 | 352,866,698 | 187,565,540 | 328,244,590 |
| Alabama..... | 13,277,154 | 8,477,018 | 1,704,178 | 3,094,963 |
| Arkansas..... | 4,151,152 | 3,459,557 | 536,049 | 154,946 |
| California..... | 18,089,082 | 3,429,027 | 13,807,741 | 842,344 |
| Connecticut..... | 17,088,906 | 7,375,000 | 7,008 | 9,806,903 |
| Delaware..... | 526,125 | ..... | 139,375 | 386,250 |
| Florida..... | 2,185,338 | 1,278,697 | 443,041 | 454,100 |
| Georgia..... | 21,753,712 | 6,544,500 | 561,735 | 14,647,477 |
| Illinois..... | 42,191,969 | 4,890,937 | 12,817,922 | 24,463,010 |
| Indiana..... | 7,818,710 | 4,167,507 | 1,127,369 | 2,523,934 |
| Iowa..... | 8,043,133 | 534,498 | 3,732,929 | 3,774,706 |
| Kansas..... | 6,442,232 | 1,592,306 | 3,736,901 | 1,112,075 |
| Kentucky..... | 18,953,484 | 3,892,480 | 7,173,644 | 7,897,260 |
| Louisiana..... | 53,087,441 | 25,021,734 | 1,326,635 | 26,739,072 |
| Maine..... | 16,624,624 | 8,067,900 | 274,153 | 8,282,571 |
| Maryland..... | 29,032,577 | 13,317,475 | 1,565,779 | 14,149,323 |
| Massachusetts..... | 69,211,538 | 28,270,881 | 680,123 | 40,239,534 |
| Michigan..... | 6,725,231 | 2,385,028 | 1,275,479 | 3,064,724 |
| Minnesota..... | 2,788,797 | 350,000 | 472,694 | 1,966,103 |
| Mississippi..... | 2,594,415 | 1,796,230 | 655,585 | 141,600 |
| Missouri..... | 46,909,865 | 17,866,000 | 11,819,012 | 17,224,853 |
| Nebraska..... | 2,089,264 | 244,300 | 1,769,564 | 70,600 |
| Nevada..... | 1,986,093 | 642,394 | 987,423 | 355,776 |
| New Hampshire..... | 11,153,373 | 2,817,869 | 745,070 | 7,590,434 |
| New Jersey..... | 22,854,304 | 2,996,300 | 6,935,315 | 12,922,789 |
| New York..... | 159,808,234 | 32,409,144 | 50,679,784 | 76,719,306 |
| North Carolina..... | 32,474,066 | 29,900,045 | 1,732,773 | 841,218 |
| Ohio..... | 22,241,988 | 9,732,078 | 4,237,543 | 8,272,367 |
| Oregon..... | 218,486 | 106,583 | 105,908 | 6,000 |
| Pennsylvania..... | 89,027,131 | 31,111,662 | 49,173,840 | 8,741,619 |
| Rhode Island..... | 5,938,642 | 2,913,500 | ..... | 3,025,142 |
| South Carolina..... | 13,075,229 | 7,665,909 | 97,112 | 5,312,208 |
| Tennessee..... | 48,827,191 | 38,539,802 | 2,729,659 | 7,557,730 |
| Texas..... | 1,613,907 | 508,641 | 426,866 | 678,400 |
| Vermont..... | 3,594,700 | 1,002,500 | 8,042 | 2,584,148 |
| Virginia..... | 55,921,255 | 47,290,839 | 1,365,766 | 7,164,650 |
| West Virginia..... | 561,767 | (a) | 329,833 | 231,934 |
| Wisconsin..... | 5,903,532 | 2,252,057 | 1,077,328 | 2,574,247 |
| The States..... | 864,785,067 | 352,866,698 | 186,297,043 | 325,621,326 |
| Arizona..... | 10,500 | ..... | 10,500 | ..... |
| Colorado..... | 681,158 | ..... | 708,829 | 2,329 |
| Dakota..... | 5,761 | ..... | 5,671 | 90 |
| District of Columbia..... | 2,596,545 | ..... | ..... | 2,596,545 |
| Idaho..... | 222,621 | ..... | 218,522 | 4,699 |
| Montana..... | 278,719 | ..... | 276,219 | 2,500 |
| New Mexico..... | 7,560 | ..... | 7,560 | ..... |
| Utah..... | ..... | ..... | ..... | ..... |
| Washington..... | 88,837 | ..... | 71,196 | 17,630 |
| Wyoming..... | ..... | ..... | ..... | ..... |
| The Territories..... | 3,891,691 | ..... | 1,268,497 | 2,623,194 |
| The United States..... | 868,676,758 | 352,866,698 | 187,565,540 | 328,244,590 |

(a) Included in Virginia.

**AMOUNT RAISED BY LOCAL TAXATION IN THE UNITED STATES IN
1860 AND 1870.**

| | 1870. | | | | | 1860. |
|---------------------------|------------------|-----------------|------------|------------|-------------------|--------------------|
| | Popula- tion. | Total Taxes. | State. | County. | Town and City. | Total Taxation. |
| | | \$ | \$ | \$ | \$ | \$ |
| The U. S. | 38,558,371 | 280,591,524 | 68,051,298 | 77,746,115 | 134,794,108 | 94,186,746 |
| Alabama | 996,992 | 2,982,932 | 1,456,024 | 1,122,971 | 403,937 | 851,171 |
| Arkansas | 484,471 | 2,866,890 | 950,894 | 1,738,760 | 177,236 | 635,393 |
| California | 560,247 | 7,817,115 | 2,540,383 | 5,068,041 | 208,691 | 2,981,122 |
| Connecticut | 537,454 | 6,064,843 | 1,875,024 | 20,113 | 169,706 | 1,015,037 |
| Delaware | 125,015 | 418,092 | 83,666 | 189,994 | 144,432 | 205,891 |
| Florida | 187,748 | 496,166 | 248,768 | 168,389 | 79,009 | 159,121 |
| Georgia | 1,184,109 | 2,627,029 | 945,394 | 906,270 | 775,365 | 797,885 |
| Illinois | 2,539,891 | 21,825,008 | 3,620,681 | 5,242,137 | 962,190 | 6,121,766 |
| Indiana | 1,680,637 | 10,791,121 | 2,943,078 | 4,654,466 | 3,193,577 | 3,701,352 |
| Iowa | 1,191,792 | 9,055,614 | 832,918 | 3,052,931 | 5,169,765 | 2,378,400 |
| Kansas | 364,399 | 2,673,992 | 809,608 | 1,160,138 | 704,246 | 195,857 |
| Kentucky | 1,321,011 | 5,730,118 | 2,254,413 | 1,307,833 | 2,167,872 | 2,148,241 |
| Louisiana | 726,915 | 7,060,722 | 2,671,693 | 4,109,999 | 279,030 | 4,960,780 |
| Maine | 626,915 | 5,348,645 | 1,350,305 | 315,199 | 3,683,141 | 2,257,213 |
| Maryland | 780,894 | 6,632,342 | 1,781,252 | 1,542,218 | 3,309,372 | 2,158,895 |
| Massachusetts | 1,457,351 | 24,922,900 | 7,406,962 | 653,500 | 16,860,438 | 7,436,578 |
| Michigan | 1,184,059 | 5,412,957 | 396,352 | 1,565,163 | 3,451,442 | 1,766,694 |
| Minnesota | 439,706 | 2,648,372 | 511,126 | 1,070,944 | 1,066,302 | 666,007 |
| Mississippi | 827,922 | 3,736,432 | 1,309,655 | 2,299,699 | 127,078 | 954,806 |
| Missouri | 1,721,295 | 13,908,498 | 2,778,697 | 4,402,227 | 6,727,574 | 4,109,653 |
| Nebraska | 122,993 | 1,027,327 | 262,505 | 753,022 | 11,800 | 91,863 |
| Nevada | 42,491 | 820,308 | 298,411 | 498,062 | 23,885 | ..... |
| New Hampshire | 318,300 | 3,255,793 | 955,126 | 318,666 | 1,982,001 | 1,261,866 |
| New Jersey | 906,096 | 7,416,724 | 373,046 | 2,397,348 | 4,646,330 | 1,457,506 |
| New York | 4,382,759 | 48,550,308 | 8,720,156 | 15,102,761 | 24,727,390 | 15,263,422 |
| North Carolina | 1,071,361 | 2,352,809 | 1,200,854 | 923,604 | 228,351 | 1,044,732 |
| Ohio | 6,665,260 | 23,526,548 | 4,727,318 | 6,501,941 | 12,297,289 | 9,611,021 |
| Oregon | 90,923 | 550,956 | 177,653 | 362,753 | 40,550 | 199,056 |
| Pennsylvania | 3,521,791 | 24,531,397 | 5,800,172 | 4,263,898 | 14,467,327 | 8,729,736 |
| Rhode Island | 217,353 | 2,170,152 | 489,253 | ..... | 1,680,899 | 686,133 |
| South Carolina | 705,606 | 2,767,675 | 1,321,837 | 575,005 | 870,833 | 1,280,386 |
| Tennessee | 1,258,520 | 3,381,579 | 1,056,261 | 1,302,836 | 1,022,482 | 1,102,793 |
| Texas | 818,579 | 1,129,577 | 589,363 | 312,335 | 227,879 | 533,265 |
| Vermont | 330,551 | 1,547,128 | 588,792 | 40,329 | 918,007 | 908,080 |
| Virginia | 1,225,163 | 4,613,798 | 2,847,635 | 842,069 | 924,094 | 3,672,689 |
| West Virginia | 442,014 | 1,722,158 | 734,722 | 555,885 | 481,551 | ..... |
| Wisconsin | 1,054,670 | 5,387,970 | 874,677 | 1,507,605 | 3,005,688 | 2,390,011 |
| The States | 38,115,641 | 277,802,495 | 67,786,674 | 76,849,111 | 133,166,710 | 93,774,421 |
| Arizona | 9,658 | 31,323 | 7,782 | 23,541 | ..... | ..... |
| Colorado | 39,864 | 362,197 | 63,425 | 267,201 | 31,571 | ..... |
| Dakota | 14,181 | 13,867 | 1,269 | 12,598 | ..... | ..... |
| Dist. of Col. | 131,700 | 1,581,569 | ..... | 49,975 | 1,531,594 | 260,218 |
| Idaho | 14,999 | 174,711 | 40,594 | 132,171 | 1,946 | ..... |
| Montana | 20,595 | 198,527 | 38,131 | 157,396 | 3,000 | ..... |
| New Mexico | 91,874 | 61,014 | 34,115 | 26,101 | 798 | 29,799 |
| Utah | 86,786 | 167,355 | 39,402 | 80,419 | 47,534 | 65,006 |
| Washington | 23,955 | 163,992 | 83,743 | 119,294 | 10,955 | 57,311 |
| Wyoming | 9,118 | 34,471 | 6,163 | 28,308 | ..... | ..... |
| The Territories | 442,730 | 2,789,026 | 264,624 | 897,004 | 1,627,398 | 412,325 |
| Total U. S. | 38,558,371 | 280,591,521 | 68,051,298 | 77,746,115 | 134,794,108 | 94,186,746 |

MANUFACTURES IN THE UNITED STATES IN 1870.

[Compiled from the Tables of the Ninth Census.]

| STATES AND TERRITORIES. | No. of Establishments. | No. of Hands Employed | Capital Invested. Dollars. | Wages Paid. Dollars. | Value of Products. Dollars. |
|-------------------------|------------------------|-----------------------|----------------------------|----------------------|-----------------------------|
| The United States. | 252,148 | 2,053,996 | 2,118,208,769 | 775,584,343 | 4,232,325,442 |
| 1 Alabama..... | 2,188 | 8,348 | 5,714,082 | 2,227,968 | 13,040,644 |
| 2 Arizona..... | 18 | 84 | 150,700 | 45,580 | 185,410 |
| 3 Arkansas..... | 1,079 | 3,206 | 1,782,913 | 673,963 | 4,629,234 |
| 4 California..... | 8,934 | 25,393 | 39,728,202 | 13,126,722 | 66,594,556 |
| 5 Colorado..... | 256 | 876 | 2,835,605 | 528,221 | 2,852,820 |
| 6 Connecticut..... | 5,128 | 89,523 | 95,231,278 | 38,987,187 | 161,065,474 |
| 7 Dakota..... | 17 | 91 | 79,200 | 21,106 | 178,579 |
| 8 Delaware..... | 800 | 9,710 | 10,839,093 | 3,692,195 | 16,791,882 |
| 9 District of Columbia. | 952 | 4,685 | 5,021,925 | 2,007,600 | 9,292,173 |
| 10 Florida..... | 659 | 2,749 | 1,679,930 | 989,592 | 4,685,408 |
| 11 Georgia..... | 3,836 | 17,871 | 13,930,125 | 4,844,508 | 81,196,115 |
| 12 Idaho..... | 101 | 265 | 742,300 | 112,372 | 1,047,624 |
| 13 Illinois..... | 12,597 | 82,979 | 94,368,057 | 31,100,344 | 205,620,673 |
| 14 Indiana..... | 11,847 | 58,852 | 52,052,425 | 18,326,780 | 108,617,278 |
| 15 Iowa..... | 6,566 | 25,032 | 22,420,183 | 6,893,292 | 46,534,322 |
| 16 Kansas..... | 1,477 | 6,844 | 4,319,060 | 2,377,511 | 11,775,533 |
| 17 Kentucky..... | 5,390 | 30,636 | 29,277,809 | 9,444,524 | 54,625,909 |
| 18 Louisiana..... | 2,557 | 30,071 | 18,313,974 | 4,593,470 | 24,161,905 |
| 19 Maine..... | 5,550 | 49,180 | 89,796,190 | 14,282,205 | 79,497,521 |
| 20 Maryland..... | 5,812 | 44,860 | 36,438,729 | 12,682,817 | 78,593,613 |
| 21 Massachusetts..... | 13,212 | 279,880 | 231,677,862 | 118,051,896 | 553,912,668 |
| 22 Michigan..... | 9,455 | 63,694 | 71,712,233 | 21,205,355 | 118,894,676 |
| 23 Minnesota..... | 2,270 | 11,280 | 11,998,729 | 4,052,837 | 22,110,700 |
| 24 Mississippi..... | 1,731 | 5,941 | 4,501,714 | 1,547,428 | 8,154,758 |
| 25 Missouri..... | 11,871 | 65,354 | 80,257,244 | 31,055,445 | 206,213,429 |
| 26 Montana..... | 201 | 701 | 1,794,300 | 370,843 | 2,494,511 |
| 27 Nebraska..... | 670 | 2,665 | 2,169,963 | 1,429,913 | 5,783,512 |
| 28 Nevada..... | 330 | 2,859 | 5,127,790 | 2,493,473 | 15,870,539 |
| 29 New Hampshire..... | 3,342 | 40,783 | 36,023,743 | 13,823,091 | 71,088,249 |
| 30 New Jersey..... | 6,636 | 75,552 | 79,606,719 | 32,648,409 | 169,237,732 |
| 31 New Mexico..... | 182 | 427 | 1,450,695 | 167,281 | 1,489,868 |
| 32 New York..... | 36,206 | 351,800 | 366,994,320 | 142,466,758 | 785,194,651 |
| 33 North Carolina..... | 3,642 | 13,622 | 8,140,473 | 2,195,711 | 19,021,227 |
| 34 Ohio..... | 22,773 | 137,202 | 141,923,964 | 49,066,468 | 299,713,610 |
| 35 Oregon..... | 969 | 2,884 | 4,376,849 | 1,120,173 | 6,877,287 |
| 36 Pennsylvania..... | 37,200 | 319,487 | 406,821,845 | 127,976,594 | 711,894,344 |
| 37 Rhode Island..... | 1,850 | 49,417 | 66,557,322 | 19,354,562 | 111,418,354 |
| 38 South Carolina..... | 1,584 | 8,141 | 5,400,418 | 1,543,715 | 9,858,981 |
| 39 Tennessee..... | 5,317 | 19,412 | 15,595,295 | 5,390,690 | 34,362,636 |
| 40 Texas..... | 2,399 | 7,927 | 5,284,110 | 1,787,835 | 11,517,302 |
| 41 Utah..... | 533 | 1,534 | 1,391,898 | 395,365 | 2,343,019 |
| 42 Vermont..... | 3,270 | 18,686 | 20,329,637 | 6,264,581 | 32,184,606 |
| 43 Virginia..... | 5,933 | 26,974 | 18,455,400 | 5,343,099 | 38,364,822 |
| 44 Washington..... | 269 | 1,026 | 1,893,674 | 574,936 | 2,851,052 |
| 45 West Virginia..... | 2,444 | 11,672 | 11,084,520 | 4,322,164 | 24,102,201 |
| 46 Wisconsin..... | 7,013 | 43,910 | 41,931,872 | 13,575,642 | 77,214,226 |
| 47 Wyoming..... | 32 | 502 | 889,400 | 347,578 | 765,424 |
| Total—United States | 252,148 | 2,053,996 | 2,118,208,769 | 775,584,343 | 4,232,325,442 |

See remarks of the Superintendent of the Census on these statistics, p. 23.

STATISTICS OF CHURCHES IN THE UNITED STATES.

I.—BY STATES.

[From the Returns of the U. S. Census, 1870.]

| STATES AND TERRITORIES. | Aggregate Population. | Church Organizations. | Church Edifices. | Church Sitzings. | Church Property. |
|--------------------------|-----------------------|-----------------------|------------------|------------------|------------------|
| The United States. | 38,553,371 | 73,459 | 63,062 | 21,665,062 | \$354,438,581 |
| 1 Alabama..... | 996,992 | 2,095 | 1,958 | 510,810 | \$2,414,515 |
| 2 Arizona..... | 9,658 | 4 | 4 | 2,400 | 24,000 |
| 3 Arkansas..... | 484,471 | 1,371 | 1,141 | 264,225 | 854,975 |
| 4 California..... | 560,247 | 643 | 532 | 195,558 | 7,404,235 |
| 5 Colorado..... | 39,864 | 55 | 47 | 17,495 | 207,230 |
| 6 Connecticut..... | 537,454 | 826 | 902 | 338,735 | 18,423,109 |
| 7 Dakota..... | 14,181 | 17 | 10 | 2,800 | 16,300 |
| 8 Delaware..... | 125,015 | 267 | 252 | 87,599 | 1,823,950 |
| 9 District of Columbia.. | 131,700 | 111 | 112 | 63,655 | 3,393,100 |
| 10 Florida..... | 187,748 | 420 | 390 | 78,920 | 426,520 |
| 11 Georgia..... | 1,184,109 | 2,873 | 2,698 | 501,148 | 3,561,955 |
| 12 Idaho..... | 14,999 | 15 | 12 | 2,150 | 13,200 |
| 13 Illinois..... | 2,539,891 | 4,298 | 3,459 | 1,201,403 | 22,664,283 |
| 14 Indiana..... | 1,680,637 | 3,698 | 3,106 | 1,008,380 | 11,942,227 |
| 15 Iowa..... | 1,194,020 | 2,763 | 1,446 | 431,709 | 5,730,353 |
| 16 Kansas..... | 364,399 | 530 | 301 | 102,135 | 1,722,700 |
| 17 Kentucky..... | 1,321,011 | 2,969 | 2,696 | 876,039 | 9,824,465 |
| 18 Louisiana..... | 726,915 | 638 | 599 | 213,955 | 4,048,525 |
| 19 Maine..... | 626,915 | 1,328 | 1,104 | 376,788 | 5,200,363 |
| 20 Maryland..... | 780,894 | 1,420 | 1,389 | 499,770 | 12,083,650 |
| 21 Massachusetts..... | 1,457,351 | 1,848 | 1,764 | 882,317 | 24,488,285 |
| 22 Michigan..... | 1,184,059 | 2,239 | 1,415 | 456,226 | 9,133,816 |
| 23 Minnesota..... | 439,706 | 877 | 582 | 158,266 | 2,401,750 |
| 24 Mississippi..... | 827,922 | 1,829 | 1,800 | 485,398 | 2,360,300 |
| 25 Missouri..... | 1,721,295 | 3,229 | 2,062 | 691,520 | 9,709,358 |
| 26 Montana..... | 20,595 | 15 | 11 | 3,850 | 90,300 |
| 27 Nebraska..... | 122,993 | 181 | 108 | 32,210 | 386,000 |
| 28 Nevada..... | 42,491 | 32 | 19 | 8,000 | 212,000 |
| 29 New Hampshire..... | 318,300 | 633 | 624 | 210,090 | 3,303,780 |
| 30 New Jersey..... | 906,093 | 1,402 | 1,384 | 573,303 | 13,347,150 |
| 31 New Mexico..... | 91,874 | 158 | 152 | 81,560 | 322,621 |
| 32 New York..... | 4,382,759 | 5,627 | 5,474 | 2,282,676 | 66,073,755 |
| 33 North Carolina..... | 1,071,261 | 2,663 | 2,497 | 718,310 | 2,487,877 |
| 34 Ohio..... | 2,665,260 | 6,488 | 6,284 | 2,085,566 | 25,554,725 |
| 35 Oregon..... | 90,923 | 220 | 135 | 39,425 | 471,100 |
| 36 Pennsylvania..... | 3,521,951 | 5,984 | 5,668 | 2,332,283 | 52,758,384 |
| 37 Rhode Island..... | 217,353 | 295 | 283 | 125,183 | 4,117,200 |
| 38 South Carolina..... | 705,606 | 1,457 | 1,308 | 491,425 | 3,276,963 |
| 39 Tennessee..... | 1,258,520 | 3,180 | 2,842 | 878,524 | 4,697,676 |
| 40 Texas..... | 818,579 | 843 | 647 | 199,100 | 1,035,430 |
| 41 Utah..... | 86,786 | 165 | 164 | 86,110 | 674,600 |
| 42 Vermont..... | 330,551 | 699 | 744 | 270,614 | 3,713,530 |
| 43 Virginia..... | 1,225,163 | 2,582 | 2,405 | 765,127 | 5,277,368 |
| 44 Washington..... | 23,955 | 47 | 36 | 6,000 | 62,450 |
| 45 West Virginia..... | 442,014 | 1,529 | 1,018 | 297,315 | 1,835,730 |
| 46 Wisconsin..... | 1,054,670 | 1,864 | 1,466 | 423,015 | 4,890,781 |
| 47 Wyoming..... | 9,118 | 12 | 12 | 3,500 | 46,000 |

STATISTICS OF CHURCHES IN THE UNITED STATES.

II.—BY DENOMINATIONS.

[From the Returns of the U. S. Census, 1870.]

| DENOMINATIONS | Church Organizations. | Church Edifices. | Church Sittings. | Church Property. |
|---|-----------------------|------------------|-------------------|----------------------|
| TOTAL—ALL DENOMINATIONS.. | 72,450 | 63,062 | 21,665,062 | \$354,483,581 |
| 1 Baptist (regular)..... | 14,474 | 12,857 | 3,997,116 | \$39,229,221 |
| 2 Baptist (other)..... | 1,355 | 1,105 | 363,019 | 2,378,977 |
| 3 Christian..... | 3,578 | 2,822 | 865,602 | 6,425,137 |
| 4 Congregational..... | 2,887 | 2,715 | 1,117,212 | 25,069,698 |
| 5 Episcopal (Protestant)..... | 2,885 | 2,601 | 991,051 | 36,514,549 |
| 6 Evangelical Association..... | 815 | 641 | 193,796 | 2,301,650 |
| 7 Friends..... | 692 | 662 | 224,664 | 3,939,560 |
| 8 Jewish..... | 189 | 152 | 73,265 | 5,155,234 |
| 9 Lutheran..... | 3,032 | 2,776 | 977,332 | 14,917,747 |
| 10 Methodist..... | 25,278 | 21,337 | 6,528,209 | 69,854,121 |
| 11 Miscellaneous..... | 27 | 17 | 6,935 | 135,650 |
| 12 Moravian (Unitas Fratrum)..... | 72 | 67 | 25,700 | 709,100 |
| 13 Mormon..... | 189 | 171 | 87,838 | 656,750 |
| 14 New Jerusalem (Swedenborgian)..... | 90 | 61 | 18,755 | 869,700 |
| 15 Presbyterian (regular)..... | 6,262 | 5,663 | 2,196,900 | 47,828,732 |
| 16 Presbyterian (other)..... | 1,562 | 1,388 | 499,344 | 5,436,524 |
| 17 Reformed Church in America (late Dutch Reformed)..... | 471 | 468 | 227,228 | 10,359,255 |
| 18 Reformed Church in the U. S. (late German Reformed)..... | 1,256 | 1,145 | 431,700 | 5,775,215 |
| 19 Roman Catholic..... | 4,127 | 3,806 | 1,990,514 | 60,985,566 |
| 20 Second Advent..... | 225 | 140 | 34,555 | 306,240 |
| 21 Shaker..... | 18 | 18 | 8,850 | 86,900 |
| 22 Spiritualist..... | 95 | 22 | 6,970 | 100,150 |
| 23 Unitarian..... | 331 | 310 | 155,471 | 6,282,675 |
| 24 United Brethren in Christ..... | 1,445 | 937 | 265,025 | 1,519,810 |
| 25 Universalist..... | 719 | 602 | 210,884 | 5,692,325 |
| 26 Unknown (Local Missions)..... | 26 | 27 | 11,925 | 687,800 |
| 27 Unknown (Union)..... | 409 | 552 | 153,202 | 965,295 |

NOTE.—“Baptist (other),” consists of *Free-will, German* (also called *Dunkers* or *Tunkers*—styling themselves “Brethren”), *Mennonite, Seventh-day, Six-Principle, and Winebrenearian*. “Presbyterian (other),” consists of *Cumberland, Reformed* (Synod of the United States), *Reformed* (General Synod of the United States), *Associated Reformed, and United*.

Extract from the Report of the Superintendent of the Ninth Census, regarding the accuracy of the Statistics of Churches therein embodied :

“The principal inquiry, under the head of religion, in the schedule of the census law, viz.: ‘Number of churches,’ is, unfortunately, ambiguous. As the censuses of 1850 and 1860 were taken, it is impossible to feel any assurance, in any particular case, whether church organizations or church edifices are returned in answer to the inquiry, ‘Number of Churches.’ In preparation for the Ninth Census (1870), this inquiry was divided into ‘Number of church organizations. Number of church edifices.’”

IMMIGRATION INTO THE UNITED STATES, 1820-1878.

PRIOR to the year 1820, no statistics of immigration were officially kept. By the act of Congress of March 2d, 1819, Collectors of Customs were required to keep a record and make a quarterly return to the Treasury of all passengers arriving in their respective districts from foreign ports; and these reports, published from time to time by the officers of the Treasury Department, constitute the sources of information as to the growth and progress of immigration. The total number of foreign-born passengers arriving at the ports of the United States, in the several years from 1820 to 1870 inclusive, is given below.

| Year. | Total Immigration. | Year. | Total Immigration. |
|-----------|--------------------|-------------------------------|--------------------|
| 1820..... | 8,385 | 1850..... | 369,980 |
| 1821..... | 9,127 | 1851..... | 379,466 |
| 1822..... | 6,911 | 1852..... | 371,603 |
| 1823..... | 6,354 | 1853..... | 368,645 |
| 1824..... | 7,913 | 1854..... | 427,583 |
| 1825..... | 10,199 | 1855..... | 200,887 |
| 1826..... | 10,837 | 1856..... | 200,436 |
| 1827..... | 18,875 | 1857..... | 251,306 |
| 1828..... | 21,383 | 1858..... | 123,126 |
| 1829..... | 22,520 | 1859..... | 121,368 |
| 1830..... | 23,323 | 1860..... | 153,640 |
| 1831..... | 23,633 | 1861..... | 91,280 |
| 1832..... | 60,482 | 1862..... | 91,987 |
| 1833..... | 58,640 | 1863..... | 176,282 |
| 1834..... | 65,365 | 1864..... | 193,416 |
| 1835..... | 45,374 | 1865..... | 249,061 |
| 1836..... | 76,242 | 1866..... | 318,494 |
| 1837..... | 79,340 | 1867..... | 298,358 |
| 1838..... | 38,914 | 1868..... | 297,215 |
| 1839..... | 68,069 | 1869..... | 395,922 |
| 1840..... | 84,066 | 1870..... | 378,796 |
| 1841..... | 80,239 | 1871..... | 367,789 |
| 1842..... | 104,565 | 1872..... | 449,483 |
| 1843..... | 52,496 | 1873..... | 437,004 |
| 1844..... | 78,615 | 1874..... | 277,593 |
| 1845..... | 114,371 | 1875..... | 209,086 |
| 1846..... | 154,416 | 1876..... | 182,037 |
| 1847..... | 234,968 | 1877..... | 140,020 |
| 1848..... | 266,527 | 1878 (6 months, Jan. to June) | 88,241 |
| 1849..... | 297,024 | | |
| | | Total..... | 9,754,068 |

NOTE.—The above figures, from 1850 to 1877, are for calendar years—January 1st to December 31st. Other statements of immigration vary, being for fiscal years ending June 30th. Another source of variation is that some tables give the total number of aliens arriving in the United States; others what is called the *net* immigration only. As the latter is not ascertainable for all the years, the figures above given represent the total immigration of aliens in each year.

Chinese Immigration into the United States for each Calendar Year from 1855 to 1876, inclusive.

| Year. | No. | Year. | No. | Year. | No. |
|-----------|-------|-----------|--------|----------------------|---------|
| 1855..... | 3,526 | 1864..... | 2,795 | 1873..... | 18,154 |
| 1856..... | 4,733 | 1865..... | 2,942 | 1874..... | 16,651 |
| 1857..... | 5,944 | 1866..... | 2,385 | 1875..... | 19,033 |
| 1858..... | 5,128 | 1867..... | 3,863 | 1876..... | 16,879 |
| 1859..... | 3,457 | 1868..... | 10,684 | 1877..... | 10,379 |
| 1860..... | 5,467 | 1869..... | 14,902 | 1878 (Jan. to June). | 6,269 |
| 1861..... | 7,518 | 1870..... | 11,943 | | |
| 1862..... | 3,633 | 1871..... | 6,039 | Total..... | 200,110 |
| 1863..... | 7,214 | 1872..... | 10,642 | | |

NOTE.—The statement is made that nearly one half of all the Chinese who have arrived in the United States have returned to their native country.

Population of all Cities and Towns in the United States having a Population of over 10,000 in 1870, with Population by State or Local Census of Later Date.

| CITIES. | STATES | Population. | | CITIES. | STATES | Population. | |
|--------------------------|----------------|-------------|----------|---------------------------|----------------|-------------|---------|
| | | 1870. | 1875. | | | 1870. | 1875. |
| Adams | Mass | 12,090 | 15,760 | Evansville | Ind | 21,830 | |
| Akron | O | 10,006 | | Fall River | Mass | 26,766 | 45,340 |
| Albany | N. Y | 76,216 | 86,013 | Fitchburg | Mass | 11,260 | 12,289 |
| Alexandria | Va | 13,570 | | Fond du Lac | Wis | 12,764 | 15,308 |
| Allegheny | Penn | 53,180 | | Fort Wayne | Ind | 17,718 | |
| Allentown | Penn | 13,884 | | Galesburg | Ill | 10,158 | |
| Altosna | Penn | 10,610 | | Galveston | Tex | 13,818 | |
| Atlanta | Ga | 21,789 | | Georgetown | D. C | 11,384 | |
| Auburn | N. Y | 17,225 | 18,350 | Gloucester | Mass | 15,330 | 16,754 |
| Augusta | Ga | 15,389 | | *Grand Rapids | Mich | 16,507 | 25,923 |
| Aurora | Ill | 11,162 | | Greenburgh | N. Y | 10,790 | 10,997 |
| Baltimore | Md | 267,354 | | Hamilton | O | 11,081 | |
| Bangor | Me | 18,289 | | Hannibal | Mo | 10,125 | |
| *Bay City | Mich | 7,064 | 13,690 | Harrisburg | Penn | 23,104 | |
| Biddeford | Me | 10,282 | | Hartford | Conn | 37,180 | |
| Binghamton | N. Y | 12,692 | 15,550 | Haverhill | Mass | 13,092 | 14,628 |
| Bloomington | Ill | 14,590 | | Hoboken | N. J | 20,297 | 24,766 |
| Boston | Mass | 250,526 | 341,919 | Holyoke | Mass | 10,733 | 16,360 |
| Bridgeport | Conn | 18,969 | | Indianapolis | Ind | 48,244 | |
| Brookhaven | N. Y | 10,159 | 11,451 | *Jackson | Mich | 11,447 | 13,859 |
| Brooklyn | N. Y | 398,099 | 484,616 | Janessville | Wis | 8,789 | 10,115 |
| Buffalo | N. Y | 117,714 | 134,573 | Jersey City | N. J | 82,546 | 109,227 |
| Burlington | Iowa | 14,930 | 19,987 | †Kansas City | Mo | 82,260 | 32,736 |
| Burlington | Vt | 14,387 | | Keokuk | Iowa | 12,766 | 11,841 |
| Cambridge | Mass | 39,634 | 47,838 | Kingston City | N. Y | [new] | 20,474 |
| Camden | N. J | 20,045 | 33,852 | La Crosse | Wis | 7,785 | 11,103 |
| Charleston | S. C | 48,956 | 56,540 | Lafayette | Ind | 13,506 | |
| Charlestown | Mass | 28,323 | [Bost'n] | Lancaster | Penn | 20,233 | |
| Chelsea | Mass | 18,547 | 20,737 | Lawrence | Mass | 28,921 | 34,916 |
| Chicago | Ill | 296,977 | | Leavenworth | Kan | 17,873 | |
| Chicopee | Mass | 9,607 | 10,335 | Lewiston | Me | 13,600 | |
| Cincinnati | O | 216,339 | | Lexington | Ky | 14,801 | |
| Cleveland | O | 92,829 | | Little Rock | Ark | 12,890 | |
| Cohoes | N. Y | 15,357 | 17,516 | Lockport | N. Y | 12,426 | 12,624 |
| Columbus | O | 31,274 | | Logansport | Ind | 12,191 | |
| Concord | N. H | 12,241 | | Long Isl'd City | N. Y | [new] | 15,609 |
| Council Bluffs | Iowa | 10,020 | 9,287 | Louisville | Ky | 100,753 | |
| Covington | Ky | 24,505 | | Lowell | Mass | 40,928 | 49,688 |
| Davenport | Iowa | 20,088 | 21,234 | Lynn | Mass | 28,233 | 32,600 |
| Dayton | O | 30,473 | | Macon | Ga | 10,810 | |
| Des Moines | Iowa | 12,035 | 14,443 | Madison | Ind | 10,709 | |
| *Detroit | Mich | 79,577 | 101,253 | Malden | Mass | | 10,843 |
| Dubuque | Iowa | 18,484 | 23,605 | Manchester | N. H | 23,536 | |
| Easton | Penn | 10,987 | | Memphis | Tenn | 40,226 | |
| *East Saginaw | Mich | 11,350 | 17,894 | Meriden | Conn | 10,495 | |
| Elizabeth | N. J | 20,882 | 25,923 | Milwaukee | Wis | 71,440 | 100,775 |
| Elmira | N. Y | 15,863 | 20,538 | Minneapolis | Minn | 13,063 | 32,721 |
| Erie | Penn | 19,646 | | Mobile | Ala | 32,034 | |

* Census of 1874.

† Census of 1876.

POPULATION OF CITIES AND TOWNS IN THE U. S.—(Continued).

| CITIES. | STATES | Population. | | CITIES. | STATES | Population. | |
|------------------|---------|-------------|-----------|------------------|---------|-------------|--------------|
| | | 1870. | 1875. | | | 1870. | 1875. |
| Montgomery... | Ala.... | 10,583 | ..... | Rockford..... | Ill.... | 11,049 | ..... |
| *Morrisania... | N. Y. | 19,609 | ..... | Rome..... | N. Y. | 11,000 | 11,992 |
| Nashville..... | Tenn. | 25,865 | ..... | Rondout..... | N. Y. | 10,114 | [King's t'n] |
| Nashua..... | N. H. | 10,543 | ..... | Sacramento... | Cal. | 16,283 | ..... |
| New Albany... | Ind. | 15,396 | ..... | †St. Joseph... | Mo. | 19,665 | 23,090 |
| Newark..... | N. J. | 105,059 | 123,310 | †St. Louis..... | Mo. | 310,864 | 498,182 |
| New Bedford... | Mass. | 21,320 | 25,805 | St. Paul..... | Minn. | 20,080 | 33,178 |
| N. Brunswick... | N. J. | 15,058 | 16,660 | Salem..... | Mass. | 24,117 | 25,953 |
| Newburgh..... | N. Y. | 17,014 | 17,327 | Salt Lake City.. | Utah T. | 12,584 | ..... |
| Newburyport... | Mass. | 12,595 | 13,323 | San Antonio... | Tex. | 12,256 | ..... |
| New Haven..... | Conn. | 50,840 | ..... | Sandusky..... | O. | 13,000 | ..... |
| New Orleans... | La. | 191,418 | ..... | San Francisco... | Cal. | 149,473 | ..... |
| Newport..... | Ky. | 15,087 | ..... | Saratoga Spr's. | N. Y. | 8,537 | 10,775 |
| Newport..... | R. I. | 12,521 | 14,028 | Savannah..... | Ga. | 28,235 | ..... |
| Newton..... | Mass. | 12,825 | 16,105 | Schenectady... | N. Y. | 11,026 | 12,748 |
| New York..... | N. Y. | 942,292 | 1,046,037 | Scranton..... | Penn. | 35,092 | ..... |
| Norfolk..... | Va. | 19,229 | ..... | Somerville..... | Mass. | 14,685 | 1,868 |
| Norristown... | Penn. | 10,753 | ..... | Springfield... | Ill. | 17,364 | ..... |
| Northampton... | Mass. | 10,150 | 11,108 | Springfield... | Mass. | 26,703 | 31,053 |
| Norwich..... | Conn. | 16,658 | ..... | Springfield... | O. | 12,652 | ..... |
| Norwalk..... | Conn. | 12,119 | ..... | Stockton..... | Cal. | 10,066 | ..... |
| Oakland..... | Cal. | 10,500 | ..... | Syracuse..... | N. Y. | 43,051 | 48,315 |
| Ogdensburg... | N. Y. | 10,076 | 13,204 | Taunton..... | Mass. | 18,629 | 20,445 |
| Omaha..... | Neb. | 16,083 | ..... | Terre Haute... | Ind. | 16,103 | ..... |
| Oshkosh..... | Wis. | 12,633 | 17,015 | Toledo..... | O. | 31,584 | ..... |
| Oswego..... | N. Y. | 20,910 | 22,455 | Trenton..... | N. J. | 22,874 | 25,031 |
| Paterson..... | N. J. | 33,579 | 38,814 | Troy..... | N. Y. | 46,465 | 48,821 |
| Pawtucket... | R. I. | 6,619 | 16,620 | Utica..... | N. Y. | 28,804 | 32,070 |
| Peoria..... | Ill. | 22,849 | ..... | Vicksburg..... | Miss. | 12,443 | ..... |
| Petersburg... | Va. | 18,950 | ..... | Washington†... | D. C. | 109,199 | 131,947 |
| †Philadelphia... | Penn. | 674,022 | 817,448 | Waterbury... | Conn. | 10,826 | ..... |
| Pittsburg..... | Penn. | 86,076 | ..... | Watertown... | N. Y. | 9,236 | 10,041 |
| Pittsfield... | Mass. | 11,112 | 12,267 | West Troy..... | N. Y. | 10,693 | ..... |
| Portland..... | Me. | 31,413 | ..... | Wheeling..... | W. Va. | 19,280 | ..... |
| Portsmouth... | O. | 10,592 | ..... | Wilkesbarre... | Penn. | 10,174 | ..... |
| Portsmouth... | Va. | 10,492 | ..... | Williamsport... | Penn. | 16,080 | ..... |
| Pottsville... | Penn. | 12,334 | ..... | Wilmington... | Dcl. | 30,841 | ..... |
| Poughkeepsie... | N. Y. | 20,080 | 19,859 | Wilmington... | N. C. | 13,446 | ..... |
| Providence... | R. I. | 68,904 | 100,675 | Winona..... | Minn. | 7,192 | 10,737 |
| Quincy..... | Ill. | 24,052 | ..... | Woonsocket... | R. I. | 11,527 | 13,168 |
| Racine..... | Wis. | 9,830 | 13,274 | Worcester..... | Mass. | 41,105 | 49,317 |
| Reading..... | Penn. | 33,930 | ..... | Yonkers..... | N. Y. | 12,733 | 17,269 |
| Richmond..... | Va. | 51,038 | ..... | York..... | Penn. | 11,003 | ..... |
| Rochester..... | N. Y. | 62,336 | 81,673 | Zanesville... | O. | 10,011 | ..... |

* Annexed to New York City in 1873.

† Census of 1876.

‡ Census of 1878.

Classification of the Landholders of Great Britain.

| | Owners. No. | Extent of Lands. Acres. | Gross Estimated Rental. |
|----------------------------------|----------------|-------------------------------|-------------------------------|
| Owners of less than 1 acre..... | 816,294 | 179,348 | £34,927,725 |
| “ between 1 and 10 acres.. | 131,454 | 508,006 | 7,871,430 |
| “ “ 10 “ 50 “ | 76,109 | 1,827,698 | 7,362,761 |
| “ “ 50 “ 100 “ | 27,062 | 1,878,088 | 4,682,347 |
| “ “ 100 “ 500 “ | 84,684 | 7,383,718 | 15,365,533 |
| “ “ 500 “ 1,000 “ | 5,625 | 3,900,419 | 7,691,075 |
| “ “ 1,000 “ 2,000 “ | 3,310 | 4,634,549 | 9,094,127 |
| “ “ 2,000 “ 5,000 “ | 2,402 | 7,372,568 | 11,525,818 |
| “ “ 5,000 “ 10,000 “ | 831 | 5,701,593 | 6,566,129 |
| “ “ 10,000 “ 20,000 “ | 382 | 5,248,785 | 5,302,189 |
| “ “ 20,000 “ 50,000 “ | 169 | 4,988,804 | 3,277,217 |
| “ “ 50,000 “ 100,000 “ | 47 | 3,220,554 | 777,534 |
| “ 100,000 acres and upwards..... | 25 | 5,113,500 | 755,022 |
| No Areas stated..... | 6,945 | ..... | 2,842,192 |
| No Rentals stated..... | 124 | 2,570 | ..... |
| Totals..... | 1,164,967 | 51,960,208 | £118,061,105 |

DISCOVERY OF THE SATELLITES OF MARS.

From the Popular Science Monthly, Cornhill Magazine, etc.

THE recent and wholly unexpected discovery of two Martial satellites has awakened a new and lively interest in all that relates to our neighboring planet. Its telescopic aspect and the probable nature of its physical constitution are especially worthy of renewed consideration.

The mean distance of Mars from the sun is 139,877,000 miles. Its orbit deviates more from the circular form than that of any other principal planet, with the exception of Mercury, its eccentricity being 0.09326. The difference, therefore, between its greatest and least distance amounts to about 27,000,000 miles. But the eccentricity, though great, is nevertheless increasing; and, when it shall have attained its superior limit, the aphelion distance will be 196,000,000 miles. This is greater than the perihelion distance of many asteroids. Mars, therefore, occasionally invades the cluster of minor planets.

The diameter of Mars is about 4700 miles, and it revolves on its own axis in 24 hours, 37 m., 23 s. Its surface is rather more than one third that of the earth, while its volume is to that of our planet in the ratio of two to nine. Its greatest distance from the earth is 245,249,000 miles; its least distance, 62,389,000 miles.

We come now to the history of one of the most interesting discoveries of the nineteenth century. With the single exception of our own moon, Mars is the most favorably situated of all the heavenly bodies for telescopic observation. The most careful scrutiny, however, for more than two centuries, had failed to furnish any indication of the existence of a satellite. The opposition of Mars in August, 1877, occurred when the planet was very near its perihelion. The body was, therefore, in the best possible position for close examination. At the approach of this favorable epoch the new twenty-six-inch refractor of the Naval Observatory at Washington, under the skilful direction of Prof. Asaph Hall, was turned upon the planet. On the night of August 11th, 1877, a small star was observed near the disc of Mars, but its true character was not then suspected, or at least not determined. On Thursday night, the 16th, at 11 h., 42 m., Prof. Hall again noticed a star of the thirteenth or fourteenth magnitude, very close to Mars, and measured its apparent distance from the planet. On the same night about two o'clock he again examined the planet, and to his great surprise found that the small star had moved in company with Mars. *He had therefore discovered a Martial satellite.* On Friday morning, the observations were submitted to Prof. Simon Newcomb, who, from the data furnished by a watch of five hours, calculated the time of revolution, which he fixed as a first approximation at 31 or 32 hours. This showed that the satellite must pass behind Mars, some time during the following night. It was accordingly invisible when first looked for in the evening, but, as predicted by Newcomb, it reappeared about one o'clock.

About four o'clock on the morning of August 18th, Prof. Hall discovered a second satellite, interior to the orbit of the first, and of about the same apparent magnitude. The astronomers of Europe were officially notified of the facts by the following dispatch from the Secretary of the Smithsonian Institution:

“WASHINGTON, Aug. 18, 1877.

“Two satellites of Mars have been discovered by Hall at Washington. First, elongation west, Aug. 18th, eleven hours, Washington time. Distance eighty seconds, period thirty hours. Distance of second, fifty seconds.

“JOSEPH HENRY.”

The statement of fifty seconds as the distance of the inner satellite was subsequently found to be quite erroneous.

The distance of the inner satellite from the centre of the planet Mars is about 5700 miles; that of the outer, 14,200. The distance of the former from the surface of Mars, is but 8300 miles—no greater, in fact, than that of London from New York. The apparent magnitude of Mars, as seen from this satellite, is two thousand times greater than that of the sun, or moon, as seen from the earth.

Prof. Newcomb gives 30 h. and 14 m. as the period of revolution of the outer satellite about its primary, and 7 h. and 38 m. as that of the inner. Both move, like our moon, from west to east. The period of the inner is less, while that of the outer is greater than a Martian day. It is obvious, therefore, that, as seen from the surface of the planet, the apparent motion of the satellites will be in opposite directions, the inner rising in the west and setting in the east, the outer rising in the east and setting in the west; so that the phenomenon of two moons meeting in mid-heaven will be to the Martians no unusual occurrence.

Before the discovery of these satellites the determination of the mass of Mars was a problem of great difficulty, the body being too small to have much effect in disturbing the motions of other planets.

The value assigned by Burckhardt was $\frac{1}{3571337}$, that of the sun being unity. The difficulty of the problem is now happily removed, and Newcomb has found, from the elements of the exterior satellite, a value of $\frac{1}{3571350}$, a mass less than Burckhardt's in the ratio of six to seven.

The fiery red appearance of Mars to the naked eye is changed when seen through a powerful telescope, when it shows not only an atmosphere, but land, water, snow, ice, clouds, and mists.

LOWEST AND HIGHEST PRICES OF COMMODITIES FOR FIFTY-THREE YEARS—1825-1877.

(Compiled from the Reports of the Secretary of the Treasury for 1863 and 1873, the Commercial and Financial Chronicle, Reports of the N. Y. Chamber of Commerce, and the N. Y. Shipping List and Price Current.)

NOTE.—In the American Almanac and Treasury of Facts for 1878, pp. 278-9, appeared a table of prices compiled on the basis of the average price of each article in New York, the 1st of January of each year. Such a table, however useful, fails to give the data which are important in forming a judgment of the whole range of prices for each year. The following table, carefully compiled from the sources indicated, takes the prices of the twelve months in each year, selecting the highest and lowest quotation for each article. It is to be understood, where no mention of quality is made, that the price quoted is for the cheapest grade of each commodity.

The prices are those of the New York market.

| Year. | Beef, Mess. | | Butter. | | Cheese. | | Coal, Anthracite. | | Coffee, Rio. | | Corn. | | Cotton, Upland. | | Flour, West. | | Hams. | |
|-------|-------------|-------|---------|-------|---------|-------|-------------------|------|--------------|----|-------|------|-----------------|-------|--------------|----|-------|----|
| | Bbl. | | lb. | | lb. | | Ton. | | lb. | | Bush. | | lb. | | Bbl. | | lb. | |
| | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. |
| 1825. | 8 00 | 10 00 | 8 22 | 5 10 | 8 00 | 11 00 | 16 19 | 42 | 75 | 13 | 27 | 3 25 | 4 25 | 7 11 | | | | |
| 1826. | 8 00 | 10 00 | 13 18 | 6 12 | 11 00 | 12 00 | 14 17 | 62 | 83 | 9 | 14 | 4 25 | 5 75 | 8 11 | | | | |
| 1827. | 8 50 | 9 75 | 12 22 | 6 10 | 10 50 | 12 50 | 14 15 | 54 | 75 | 8 | 12 | 4 37 | 6 50 | 10 12 | | | | |
| 1828. | 8 50 | 10 00 | 13 18 | 4 7 | 10 00 | 12 00 | 12 15 | 46 | 62 | 9 | 13 | 4 56 | 8 00 | 8 11 | | | | |
| 1829. | 8 00 | 10 50 | 12 16 | 4 8 | 10 00 | 12 00 | 12 13 | 48 | 64 | 8 | 11 | 5 00 | 8 87 | 9 10 | | | | |
| 1830. | 7 62 | 10 00 | 12 16 | 5 8 | 7 00 | 12 00 | 10 12 | 48 | 65 | 8 | 13 | 4 75 | 6 00 | 9 11 | | | | |
| 1831. | 7 00 | 9 25 | 12 18 | 5 8 | 6 00 | 9 00 | 10 13 | 54 | 75 | 7 | 11 | 5 00 | 7 25 | 9 11 | | | | |
| 1832. | 8 37 | 10 75 | 12 18 | 5 7 | 8 50 | 16 00 | 12 14 | 50 | 87 | 7 | 12 | 5 60 | 7 00 | 9 11 | | | | |
| 1833. | 8 50 | 11 00 | 14 20 | 6 9 | 5 50 | 10 00 | 11 14 | 65 | 86 | 9 | 17 | 5 50 | 6 50 | 8 10 | | | | |
| 1834. | 8 50 | 10 10 | 12 17 | 5 9 | 5 50 | 6 50 | 11 12 | 53 | 75 | 10 | 16 | 4 81 | 5 75 | 8 10 | | | | |
| 1835. | 8 75 | 13 50 | 13 26 | 6 9 | 5 50 | 9 00 | 11 13 | 70 | 1 12 | 15 | 20 | 5 37 | 7 87 | 8 12 | | | | |
| 1836. | 9 25 | 13 50 | 10 26 | 7 12 | 7 00 | 11 00 | 11 13 | 83 | 1 12 | 12 | 20 | 6 87 | 10 25 | 9 17 | | | | |
| 1837. | 11 00 | 15 00 | 12 24 | 7 12 | 8 50 | 11 00 | 9 12 | 1 00 | 1 15 | 7 | 17 | 7 00 | 11 62 | 9 15 | | | | |
| 1838. | 14 00 | 16 00 | 17 27 | 6 10 | 7 00 | 9 50 | 9 12 | 76 | 1 00 | 9 | 12 | 7 00 | 9 00 | 10 15 | | | | |
| 1839. | 12 50 | 16 00 | 12 25 | 8 12 | 6 50 | 9 00 | 9 12 | 75 | 98 | 11 | 16 | 5 75 | 9 12 | 10 14 | | | | |
| 1840. | 9 75 | 14 75 | 13 21 | 5 9 | 6 00 | 8 50 | 9 12 | 46 | 63 | 8 | 10 | 4 63 | 6 50 | 4 10 | | | | |
| 1841. | 7 00 | 10 25 | 8 15 | 3 7 | 6 50 | 9 00 | 9 11 | 47 | 81 | 9 | 11 | 4 68 | 7 50 | 4 9 | | | | |
| 1842. | 6 25 | 8 25 | 9 15 | 5 9 | 5 00 | 9 00 | 6 10 | 54 | 68 | 7 | 9 | 4 25 | 6 37 | 4 9 | | | | |
| 1843. | 6 00 | 8 37 | 6 11 | 4 6 | 4 50 | 6 00 | 6 9 | 48 | 60 | 5 | 8 | 4 43 | 5 62 | 3 9 | | | | |
| 1844. | 5 00 | 6 75 | 8 14 | 3 7 | 4 25 | 6 00 | 6 7 | 43 | 54 | 5 | 8 | 4 25 | 5 00 | 3 9 | | | | |
| 1845. | 5 50 | 9 75 | 9 17 | 6 8 | 4 50 | 6 00 | 5 8 | 45 | 85 | 4 | 9 | 4 31 | 7 00 | 5 10 | | | | |
| 1846. | 6 25 | 8 50 | 10 17 | 6 8 | 5 00 | 7 00 | 6 8 | 55 | 80 | 6 | 9 | 4 00 | 6 00 | 5 11 | | | | |
| 1847. | 8 25 | 13 75 | 13 22 | 6 8 | 5 00 | 7 00 | 6 8 | 64 | 1 10 | 7 | 12 | 5 50 | 8 25 | 6 13 | | | | |
| 1848. | 7 75 | 13 00 | 13 20 | 5 8 | 4 50 | 6 00 | 5 8 | 52 | 78 | 5 | 8 | 5 25 | 6 62 | 5 11 | | | | |
| 1849. | 8 75 | 14 00 | 10 18 | 5 7 | 5 00 | 6 00 | 5 10 | 57 | 70 | 6 | 11 | 4 93 | 6 12 | 6 11 | | | | |
| 1850. | 8 00 | 9 75 | 12 18 | 4 8 | 5 00 | 7 00 | 7 14 | 55 | 72 | 11 | 14 | 4 93 | 6 25 | 6 11 | | | | |
| 1851. | 7 50 | 9 75 | 10 18 | 4 8 | 4 25 | 7 00 | 7 11 | 53 | 68 | 8 | 14 | 4 00 | 5 12 | 7 11 | | | | |
| 1852. | 8 25 | 17 00 | 15 29 | 6 9 | 5 00 | 7 00 | 7 10 | 62 | 78 | 8 | 10 | 4 25 | 6 00 | 8 10 | | | | |
| 1853. | 7 00 | 11 25 | 13 24 | 8 10 | 5 00 | 7 00 | 8 12 | 64 | 82 | 10 | 11 | 4 87 | 7 50 | 8 10 | | | | |
| 1854. | 8 00 | 13 00 | 15 24 | 6 12 | 6 00 | 7 50 | 8 12 | 76 | 96 | 8 | 10 | 7 25 | 10 75 | 7 11 | | | | |
| 1855. | 8 25 | 14 00 | 17 28 | 6 12 | 5 50 | 7 50 | 8 12 | 98 | 1 15 | 7 | 11 | 7 50 | 10 18 | 8 11 | | | | |
| 1856. | 8 00 | 12 00 | 13 28 | 6 11 | 5 50 | 6 50 | 9 12 | 48 | 94 | 9 | 12 | 5 20 | 8 31 | 9 11 | | | | |
| 1857. | 9 50 | 15 00 | 16 23 | 5 14 | 6 00 | 7 00 | 10 12 | 71 | 98 | 13 | 15 | 4 25 | 6 70 | 6 10 | | | | |
| 1858. | 9 00 | 12 00 | 13 25 | 3 10 | 5 00 | 6 00 | 9 12 | 58 | 1 03 | 9 | 13 | 3 75 | 5 25 | 9 13 | | | | |
| 1859. | 5 00 | 9 75 | 14 27 | 2 11 | 5 25 | 5 50 | 10 13 | 76 | 1 05 | 11 | 12 | 4 00 | 6 50 | 9 12 | | | | |
| 1860. | 4 50 | 5 50 | 10 21 | 9 12 | 5 50 | 6 00 | 11 15 | 64 | 95 | 10 | 11 | 4 25 | 5 50 | 10 13 | | | | |
| 1861. | 5 00 | 6 25 | 8 22 | 2 10 | 4 20 | 6 00 | 11 17 | 48 | 74 | 11 | 28 | 3 90 | 5 63 | 7 11 | | | | |
| 1862. | 5 00 | 10 75 | 10 28 | 4 13 | 4 25 | 8 50 | 10 33 | 50 | 75 | 20 | 68 | 4 30 | 5 85 | 5 9 | | | | |
| 1863. | 5 00 | 9 00 | 14 30 | 8 16 | 7 00 | 11 00 | 26 33 | 63 | 1 23 | 54 | 88 | 5 10 | 8 00 | 5 8 | | | | |
| 1864. | 5 00 | 16 00 | 21 48 | 12 27 | 9 00 | 15 00 | 33 52 | 1 25 | 1 97 | 72 | 1 90 | 7 15 | 11 75 | 11 17 | | | | |
| 1865. | 9 00 | 14 00 | 20 38 | 10 16 | 8 50 | 13 50 | 21 22 | 70 | 97 | 83 | 1 22 | 5 00 | 8 80 | 11 23 | | | | |
| 1866. | 11 00 | 21 50 | 25 65 | 5 23 | 8 50 | 13 00 | 18 21 | 80 | 1 32 | 32 | 52 | 6 25 | 11 70 | 11 23 | | | | |
| 1867. | 12 00 | 23 00 | 15 48 | 7 20 | 6 50 | 8 50 | 17 19 | 1 00 | 1 40 | 15 | 86 | 6 25 | 11 30 | 10 16 | | | | |
| 1868. | 11 00 | 24 75 | 28 60 | 7 19 | 6 50 | 11 50 | 16 17 | 1 01 | 1 41 | 16 | 33 | 5 50 | 9 75 | 11 18 | | | | |
| 1869. | 5 00 | 16 50 | 16 55 | 11 23 | 6 50 | 10 50 | 11 13 | 75 | 1 15 | 25 | 35 | 4 95 | 6 40 | 17 34 | | | | |
| 1870. | 5 00 | 16 00 | 18 46 | 5 18 | 4 50 | 8 50 | 11 18 | 76 | 1 15 | 25 | 36 | 4 50 | 6 05 | 9 14 | | | | |
| 1871. | 8 00 | 18 00 | 12 42 | 5 16 | 5 00 | 13 00 | 12 17 | 65 | 90 | 15 | 25 | 4 00 | 7 00 | 6 13 | | | | |
| 1872. | 4 00 | 12 00 | 20 39 | 10 19 | 3 75 | 6 25 | 16 19 | 61 | 80 | 18 | 25 | 5 65 | 6 80 | 6 9 | | | | |
| 1873. | 8 00 | 12 00 | 18 50 | 8 16 | 5 00 | 6 50 | 19 23 | 50 | 77 | 13 | 21 | 4 62 | 7 25 | 5 10 | | | | |
| 1874. | 8 25 | 11 50 | 18 39 | 12 17 | 4 55 | 5 55 | 16 28 | 53 | 84 | 15 | 19 | 4 25 | 7 00 | 8 11 | | | | |
| 1875. | 8 00 | 10 00 | 17 28 | 9 16 | 4 40 | 5 55 | 17 21 | 49 | 78 | 13 | 17 | 4 00 | 6 50 | 9 11 | | | | |
| 1876. | 8 50 | 11 00 | 15 33 | 8 13 | 3 75 | 5 55 | 16 20 | 38 | 49 | 11 | 13 | 4 00 | 6 00 | 7 13 | | | | |
| 1877. | 9 50 | 11 25 | 13 24 | 8 16 | 3 25 | 3 75 | 15 21 | 41 | 58 | 11 | 13 | 4 75 | 8 00 | 10 14 | | | | |

LOWEST AND HIGHEST PRICES OF COMMODITIES FOR FIFTY-THREE YEARS—1825-1877.

These tables of prices have been compiled upon the basis of selecting the leading articles entering into general consumption, whether as semi-luxuries or the necessities of life. The prices quoted being those of the New York market, still wider variations would in some cases have been exhibited if other markets, near the centres of production of some leading staples, had been collated with these. The tables exhibit the violent fluctuations of the civil war period in the United States—1861-65—and the years of expansion immediately succeeding, in contrast with the general decline of the past few years, which has not yet reached, however, save in a few articles, the minimum prices which prevailed before the war.

| Year. | Hops. | | Iron, Bar. | | Iron, Scotch Pig. | | Lard. | | Leather Hem. | | Mackerel, No. 1. | | Molasses, N. O. | | Oats. | | | | | | | | | |
|-------|-------|----|------------|----|-------------------|----|-------|----|--------------|----|------------------|----|-----------------|----|-------|----|----|----|----|----|----|----------|----|----|
| | lb. | | Ton. | | Ton. | | lb. | | lb. | | Bbl. | | Gal. | | Bush. | | | | | | | | | |
| | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | | | | | | | | |
| 1825 | 13 | 25 | 85 | 00 | 120 | 00 | 35 | 00 | 75 | 00 | 7 | 10 | 21 | 25 | 5 | 00 | 5 | 75 | 28 | 43 | 26 | 40 | | |
| 1826 | 10 | 25 | 85 | 00 | 100 | 00 | 50 | 00 | 70 | 00 | 7 | 9 | 18 | 24 | 4 | 50 | 5 | 75 | 28 | 36 | 42 | 60 | | |
| 1827 | 8 | 18 | 77 | 00 | 95 | 00 | 50 | 00 | 55 | 00 | 7 | 10 | 17 | 24 | 4 | 75 | 6 | 12 | 31 | 39 | 31 | 56 | | |
| 1828 | 5 | 10 | 77 | 50 | 82 | 50 | 50 | 00 | 55 | 00 | 6 | 9 | 18 | 24 | 4 | 75 | 6 | 50 | 30 | 36 | 24 | 87 | | |
| 1829 | 4 | 11 | 72 | 50 | 82 | 50 | 40 | 00 | 55 | 00 | 4 | 6 | 18 | 23 | 4 | 87 | 6 | 00 | 27 | 33 | 27 | 46 | | |
| 1830 | 10 | 15 | 72 | 50 | 77 | 50 | 40 | 00 | 50 | 00 | 5 | 13 | 18 | 22 | 5 | 00 | 6 | 37 | 28 | 33 | 26 | 40 | | |
| 1831 | 8 | 17 | 70 | 00 | 80 | 00 | 40 | 00 | 47 | 50 | 8 | 11 | 19 | 24 | 5 | 50 | 6 | 75 | 25 | 34 | 27 | 48 | | |
| 1832 | 12 | 37 | 70 | 00 | 75 | 00 | 40 | 00 | 47 | 50 | 6 | 10 | 17 | 25 | 4 | 75 | 6 | 50 | 26 | 35 | 38 | 56 | | |
| 1833 | 17 | 38 | 71 | 00 | 75 | 00 | 37 | 50 | 47 | 50 | 7 | 11 | 16 | 20 | 6 | 25 | 7 | 00 | 27 | 36 | 30 | 48 | | |
| 1834 | 10 | 20 | 67 | 00 | 75 | 00 | 37 | 50 | 48 | 00 | 7 | 9 | 14 | 19 | 6 | 00 | 6 | 62 | 27 | 31 | 28 | 48 | | |
| 1835 | 11 | 19 | 67 | 50 | 75 | 00 | 38 | 00 | 42 | 50 | 7 | 11 | 14 | 20 | 6 | 00 | 8 | 25 | 26 | 36 | 33 | 75 | | |
| 1836 | 12 | 17 | 75 | 00 | 105 | 00 | 38 | 00 | 62 | 50 | 11 | 17 | 14 | 23 | 8 | 00 | 10 | 62 | 32 | 48 | 40 | 75 | | |
| 1837 | 5 | 9 | 85 | 00 | 105 | 00 | 40 | 00 | 70 | 00 | 6 | 15 | 15 | 24 | 8 | 00 | 10 | 75 | 32 | 45 | 40 | 75 | | |
| 1838 | 4 | 17 | 85 | 00 | 97 | 50 | 37 | 50 | 55 | 00 | 7 | 15 | 16 | 22 | 10 | 50 | 12 | 18 | 28 | 45 | 25 | 60 | | |
| 1839 | 15 | 18 | 82 | 50 | 95 | 00 | 37 | 50 | 45 | 00 | 8 | 15 | 17 | 25 | 12 | 00 | 14 | 62 | 26 | 36 | 30 | 60 | | |
| 1840 | 18 | 62 | 70 | 00 | 82 | 50 | 32 | 50 | 40 | 00 | 7 | 12 | 17 | 22 | 11 | 00 | 14 | 50 | 20 | 30 | 24 | 43 | | |
| 1841 | 12 | 40 | 60 | 00 | 75 | 00 | 32 | 00 | 37 | 50 | 6 | 9 | 19 | 22 | 12 | 00 | 14 | 75 | 20 | 28 | 37 | 50 | | |
| 1842 | 10 | 16 | 50 | 00 | 62 | 50 | 23 | 50 | 35 | 00 | 5 | 8 | 16 | 20 | 8 | 00 | 12 | 25 | 16 | 24 | 25 | 53 | | |
| 1843 | 6 | 12 | 55 | 00 | 60 | 00 | 22 | 50 | 32 | 00 | 5 | 8 | 15 | 18 | 7 | 62 | 11 | 00 | 18 | 31 | 27 | 34 | | |
| 1844 | 7 | 15 | 57 | 50 | 65 | 00 | 30 | 00 | 35 | 00 | 5 | 7 | 14 | 17 | 9 | 75 | 12 | 25 | 27 | 31 | 27 | 37 | | |
| 1845 | 12 | 33 | 62 | 50 | 85 | 00 | 30 | 00 | 52 | 50 | 6 | 8 | 14 | 16 | 11 | 50 | 14 | 00 | 22 | 37 | 29 | 51 | | |
| 1846 | 11 | 35 | 75 | 00 | 80 | 00 | 35 | 00 | 42 | 50 | 5 | 8 | 11 | 14 | 8 | 37 | 13 | 50 | 22 | 34 | 28 | 48 | | |
| 1847 | 8 | 15 | 70 | 00 | 77 | 50 | 30 | 00 | 42 | 50 | 6 | 11 | 11 | 18 | 8 | 12 | 11 | 75 | 30 | 38 | 39 | 65 | | |
| 1848 | 3 | 7 | 50 | 00 | 70 | 00 | 25 | 00 | 37 | 50 | 6 | 9 | 12 | 16 | 7 | 00 | 11 | 00 | 20 | 28 | 32 | 51 | | |
| 1849 | 6 | 17 | 40 | 00 | 55 | 00 | 22 | 50 | 27 | 50 | 6 | 8 | 13 | 17 | 8 | 12 | 13 | 50 | 20 | 32 | 33 | 49 | | |
| 1850 | 8 | 19 | 40 | 00 | 45 | 00 | 21 | 00 | 24 | 00 | 6 | 7 | 14 | 17 | 8 | 50 | 12 | 50 | 22 | 33 | 37 | 51 | | |
| 1851 | 24 | 68 | 33 | 50 | 41 | 00 | 19 | 00 | 25 | 00 | 7 | 10 | 13 | 16 | 8 | 50 | 11 | 75 | 28 | 33 | 65 | 80 | | |
| 1852 | 17 | 47 | 34 | 00 | 55 | 00 | 19 | 00 | 31 | 00 | 9 | 12 | 12 | 18 | 8 | 37 | 12 | 50 | 27 | 35 | 75 | 86 | | |
| 1853 | 18 | 40 | 53 | 00 | 75 | 00 | 23 | 50 | 38 | 00 | 9 | 12 | 17 | 21 | 11 | 50 | 16 | 00 | 26 | 33 | 41 | 52 | | |
| 1854 | 22 | 46 | 62 | 50 | 77 | 50 | 32 | 00 | 42 | 50 | 9 | 11 | 18 | 25 | 15 | 12 | 19 | 00 | 19 | 29 | 45 | 75 | | |
| 1855 | 5 | 27 | 55 | 00 | 65 | 00 | 26 | 50 | 37 | 00 | 9 | 12 | 19 | 25 | 18 | 50 | 22 | 00 | 23 | 40 | 42 | 82 | | |
| 1856 | 4 | 13 | 50 | 00 | 65 | 00 | 29 | 00 | 37 | 00 | 9 | 14 | 24 | 30 | 19 | 00 | 23 | 00 | 42 | 75 | 35 | 50 | | |
| 1857 | 3 | 12 | 52 | 00 | 62 | 50 | 28 | 00 | 37 | 50 | 10 | 16 | 25 | 33 | 19 | 00 | 22 | 00 | 35 | 80 | 40 | 66 | | |
| 1858 | 4 | 10 | 44 | 00 | 55 | 00 | 22 | 00 | 27 | 00 | 8 | 12 | 21 | 26 | 9 | 50 | 14 | 00 | 26 | 52 | 40 | 53 | | |
| 1859 | 8 | 18 | 42 | 50 | 50 | 00 | 22 | 00 | 31 | 50 | 10 | 12 | 20 | 27 | 15 | 25 | 16 | 75 | 36 | 51 | 36 | 58 | | |
| 1860 | 6 | 25 | 41 | 00 | 44 | 00 | 20 | 50 | 27 | 00 | 10 | 13 | 20 | 22 | 15 | 00 | 18 | 50 | 36 | 55 | 37 | 47 | | |
| 1861 | 6 | 32 | 38 | 00 | 50 | 00 | 20 | 00 | 24 | 50 | 8 | 10 | 17 | 22 | 7 | 50 | 14 | 75 | 30 | 55 | 30 | 47 | | |
| 1862 | 12 | 23 | 50 | 00 | 70 | 00 | 21 | 00 | 38 | 00 | 7 | 10 | 20 | 31 | 9 | 00 | 16 | 50 | 32 | 55 | 37 | 67 | | |
| 1863 | 15 | 30 | 65 | 00 | 76 | 00 | 32 | 50 | 45 | 00 | 9 | 12 | 26 | 32 | 15 | 50 | 18 | 50 | 35 | 62 | 53 | 90 | | |
| 1864 | 20 | 52 | 105 | 00 | 220 | 00 | 43 | 00 | 80 | 00 | 12 | 24 | 31 | 46 | 18 | 00 | 28 | 00 | 65 | 1 | 25 | 86 | 1 | 02 |
| 1865 | 10 | 65 | 100 | 00 | 130 | 00 | 40 | 00 | 55 | 00 | 15 | 29 | 30 | 40 | 15 | 25 | 25 | 00 | 65 | 1 | 50 | 45 | 90 | |
| 1866 | 25 | 70 | 94 | 00 | 115 | 00 | 42 | 00 | 55 | 00 | 12 | 22 | 30 | 39 | 20 | 00 | 26 | 00 | 66 | 1 | 25 | 55 | 85 | |
| 1867 | 40 | 70 | 80 | 00 | 100 | 00 | 38 | 00 | 49 | 00 | 11 | 14 | 28 | 33 | 14 | 50 | 21 | 50 | 65 | 1 | 20 | 67 | 94 | |
| 1868 | 5 | 55 | 80 | 00 | 95 | 00 | 35 | 00 | 45 | 75 | 12 | 20 | 25 | 30 | 14 | 25 | 22 | 50 | 60 | 1 | 05 | Nominal. | | |
| 1869 | 8 | 28 | 85 | 00 | 95 | 00 | 34 | 50 | 45 | 00 | 16 | 21 | 28 | 32 | 21 | 50 | 28 | 00 | 65 | 1 | 05 | 62 | 84 | |
| 1870 | 3 | 27 | 70 | 00 | 90 | 00 | 31 | 00 | 37 | 00 | 12 | 18 | 27 | 31 | 27 | 00 | 30 | 00 | 65 | 1 | 20 | 52 | 69 | |
| 1871 | 8 | 65 | 70 | 00 | 95 | 00 | 30 | 00 | 39 | 00 | 9 | 13 | 26 | 30 | 13 | 00 | 27 | 50 | 50 | 5 | 75 | 42 | 70 | |
| 1872 | 20 | 75 | 85 | 00 | 120 | 00 | 33 | 50 | 61 | 00 | 7 | 10 | 27 | 31 | 10 | 00 | 25 | 00 | 48 | 86 | 42 | 57 | | |
| 1873 | 35 | 55 | 75 | 00 | 110 | 00 | 37 | 00 | 52 | 00 | 7 | 9 | 25 | 31 | 12 | 00 | 24 | 00 | 61 | 97 | 43 | 58 | | |
| 1874 | 22 | 45 | 55 | 00 | 80 | 00 | 33 | 00 | 45 | 00 | 8 | 16 | 28 | 30 | 8 | 50 | 22 | 00 | 60 | 85 | 38 | 53 | | |
| 1875 | 15 | 45 | 50 | 00 | 62 | 50 | 29 | 00 | 41 | 00 | 13 | 16 | 27 | 30 | 7 | 00 | 24 | 00 | 54 | 80 | 30 | 64 | | |
| 1876 | 15 | 37 | 40 | 00 | 54 | 00 | 27 | 50 | 34 | 00 | 12 | 14 | 21 | 29 | 11 | 50 | 23 | 00 | 50 | 68 | 28 | 35 | | |
| 1877 | 10 | 32 | 44 | 80 | 48 | 72 | 25 | 00 | 28 | 00 | 8 | 12 | 23 | 30 | 8 | 50 | 15 | 00 | 40 | 59 | 22 | 46 | | |

LOWEST AND HIGHEST PRICES OF COMMODITIES FOR FIFTY-THREE YEARS—1825-1877.

(Compiled from the Reports of the Secretary of the Treasury for 1863 and 1873, the Commercial and Financial Chronicle, Reports of the N. Y. Chamber of Commerce, and the N. Y. Shipping List and Price Current.)

NOTE.—In the American Almanac and Treasury of Facts for 1878, pp. 378-9, appeared a table of prices compiled on the basis of the average price of each article in New York, the 1st of January of each year. Such a table, however useful, fails to give the data which are important in forming a judgment of the whole range of prices for each year. The following table, carefully compiled from the sources indicated, takes the prices of the twelve months in each year, selecting the highest and lowest quotation for each article. It is to be understood, where no mention of quality is made, that the price quoted is for the cheapest grade of each commodity.

| Year. | Pork, Mess. | | Rice. | | Salt, Liverpool. | | Sugar, Raw. | | Tobacco, Ky. Leaf. | | Wheat. | | Whiskey. | | Wool. | |
|--------|-------------|-------|----------|-------|------------------|------|-------------|------|--------------------|----|--------|------|----------|------|-------|------|
| | Bbl. | | 100 lbs. | | Sack. | | lb. | | lb. | | Bush. | | Gal. | | lb. | |
| | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. |
| 1825.. | 12 00 | 14 75 | 2 00 | 4 00 | 2 37 | 3 00 | 6 11 | 3 9 | | | 75 | 1 06 | 25 | 31 | 30 | 38 |
| 1826.. | 10 00 | 12 00 | 2 00 | 3 87 | 2 12 | 2 60 | 6 10 | 3 8 | | | 84 | 1 02 | 26 | 36 | 28 | 38 |
| 1827.. | 11 25 | 15 25 | 2 50 | 4 00 | 2 15 | 2 35 | 6 10 | 3 6 | | | 90 | 1 25 | 25 | 35 | 20 | 30 |
| 1828.. | 12 00 | 15 00 | 2 50 | 4 00 | 2 25 | 3 25 | 6 10 | 3 6 | | | 95 | 1 62 | 20 | 26 | 20 | 30 |
| 1829.. | 11 00 | 13 75 | 2 50 | 3 75 | 2 12 | 3 00 | 5 9 | 5 7 | | | 1 00 | 1 75 | 20 | 26 | 18 | 27 |
| 1830.. | 11 00 | 15 50 | 2 00 | 3 50 | 1 75 | 2 20 | 6 9 | 3 7 | | | 1 00 | 1 15 | 21 | 32 | 16 | 30 |
| 1831.. | 12 00 | 15 25 | 2 50 | 4 00 | 1 75 | 2 25 | 4 7 | 3 6 | | | 1 06 | 1 35 | 27 | 37 | 20 | 35 |
| 1832.. | 12 50 | 14 25 | 2 75 | 4 25 | 1 75 | 2 50 | 5 7 | 3 6 | | | 1 12 | 1 35 | 26 | 35 | 20 | 35 |
| 1833.. | 12 50 | 17 00 | 2 75 | 3 75 | 1 60 | 2 00 | 5 9 | 3 8 | | | 1 15 | 1 28 | 29 | 36 | 27 | 35 |
| 1834.. | 12 75 | 15 00 | 2 25 | 3 62 | 1 40 | 1 80 | 5 8 | 4 8 | | | 1 02 | 1 10 | 20 | 29 | 25 | 35 |
| 1835.. | 13 50 | 18 50 | 2 75 | 4 50 | 1 47 | 2 25 | 6 9 | 6 11 | | | 1 04 | 1 50 | 30 | 38 | 25 | 40 |
| 1836.. | 18 00 | 30 00 | 3 00 | 4 25 | 1 60 | 2 12 | 7 11 | 6 10 | | | 1 37 | 2 12 | 31 | 44 | 35 | 50 |
| 1837.. | 16 00 | 24 50 | 3 12 | 5 00 | 1 20 | 2 62 | 5 8 | 3 9 | | | 1 55 | 2 10 | 20 | 48 | 28 | 50 |
| 1838.. | 16 50 | 25 50 | 3 25 | 5 37 | 1 62 | 2 37 | 6 8 | 4 13 | | | 1 35 | 2 00 | 30 | 43 | 28 | 40 |
| 1839.. | 14 50 | 23 50 | 3 00 | 5 00 | 1 44 | 2 12 | 6 8 | 8 16 | | | 1 15 | 1 37 | 28 | 46 | 37 | 40 |
| 1840.. | 13 00 | 16 00 | 2 75 | 4 00 | 1 40 | 1 75 | 4 8 | 3 16 | | | 95 | 1 25 | 21 | 30 | 20 | 35 |
| 1841.. | 8 75 | 13 50 | 2 87 | 4 12 | 1 40 | 1 98 | 4 7 | 4 14 | | | 90 | 1 50 | 19 | 25 | 20 | 30 |
| 1842.. | 6 75 | 10 25 | 2 00 | 3 31 | 1 37 | 2 25 | 3 7 | 2 9 | | | 83 | 1 30 | 18 | 21 | 18 | 22 |
| 1843.. | 7 50 | 11 50 | 1 87 | 3 00 | 1 35 | 1 62 | 3 7 | 2 7 | | | 84 | 1 20 | 18 | 24 | 18 | 24 |
| 1844.. | 8 50 | 10 25 | 2 25 | 3 62 | 1 25 | 1 52 | 5 7 | 2 6 | | | 82 | 1 12 | 21 | 29 | 25 | 37 |
| 1845.. | 9 25 | 14 12 | 2 62 | 4 75 | 1 32 | 1 47 | 3 7 | 2 7 | | | 85 | 1 40 | 20 | 28 | 24 | 30 |
| 1846.. | 9 62 | 13 37 | 2 87 | 4 50 | 1 25 | 1 50 | 5 8 | 2 7 | | | 80 | 1 35 | 18 | 25 | 18 | 28 |
| 1847.. | 10 25 | 16 00 | 8 25 | 13 75 | 1 20 | 1 55 | 5 8 | 2 8 | | | 1 05 | 1 35 | 24 | 34 | 22 | 30 |
| 1848.. | 9 00 | 13 00 | 7 75 | 18 00 | 1 25 | 1 55 | 10 15 | 3 8 | | | 95 | 1 40 | 21 | 27 | 20 | 30 |
| 1849.. | 9 87 | 14 25 | 2 75 | 3 50 | 1 20 | 1 40 | 4 6 | 3 9 | | | 1 20 | 1 35 | 20 | 28 | 25 | 32 |
| 1850.. | 10 00 | 11 87 | 2 25 | 3 37 | 1 15 | 1 75 | 4 7 | 5 14 | | | 1 09 | 1 50 | 23 | 27 | 30 | 35 |
| 1851.. | 12 06 | 15 50 | 2 75 | 3 12 | 1 02 | 1 60 | 4 6 | 3 14 | | | 93 | 1 22 | 20 | 27 | 30 | 41 |
| 1852.. | 14 62 | 19 75 | 2 75 | 5 00 | 1 05 | 1 55 | 3 5 | 3 9 | | | 1 03 | 1 15 | 20 | 25 | 26 | 42 |
| 1853.. | 13 01 | 19 75 | 3 37 | 4 50 | 1 12 | 1 62 | 4 6 | 4 10 | | | 1 22 | 1 80 | 22 | 32 | 38 | 44 |
| 1854.. | 12 12 | 16 00 | 4 12 | 4 62 | 1 47 | 1 70 | 3 6 | 5 11 | | | 1 75 | 2 50 | 26 | 41 | 25 | 40 |
| 1855.. | 12 50 | 23 00 | 2 50 | 5 87 | 90 | 1 22 | 4 8 | 6 13 | | | 1 96 | 2 80 | 30 | 43 | 24 | 34 |
| 1856.. | 16 25 | 21 00 | 3 62 | 4 87 | 80 | 1 05 | 6 10 | 6 16 | | | 1 30 | 2 17 | 25 | 36 | 30 | 38 |
| 1857.. | 16 50 | 25 70 | 3 25 | 5 37 | 70 | 84 | 9 11 | 7 20 | | | 1 25 | 1 95 | 21 | 37 | 30 | 44 |
| 1858.. | 15 35 | 19 00 | 2 75 | 3 75 | 62 | 80 | 5 8 | 6 18 | | | 1 20 | 1 50 | 21 | 35 | 27 | 32 |
| 1859.. | 14 60 | 18 12 | 3 00 | 4 50 | 75 | 1 07 | 5 8 | 4 14 | | | 1 30 | 1 65 | 23 | 29 | 34 | 45 |
| 1860.. | 16 12 | 19 75 | 3 00 | 4 62 | 68 | 1 15 | 6 8 | 3 13 | | | 1 35 | 1 70 | 19 | 27 | 34 | 40 |
| 1861.. | 12 25 | 18 00 | 3 00 | 7 25 | 50 | 95 | 4 9 | 3 16 | | | 1 20 | 1 60 | 15 | 21 | 22 | 45 |
| 1862.. | 11 00 | 14 50 | 6 62 | 7 75 | 85 | 1 52 | 7 11 | 6 30 | | | 1 30 | 1 55 | 19 | 39 | 40 | 65 |
| 1863.. | 11 50 | 18 25 | 3 75 | 8 50 | 1 20 | 1 70 | 7 14 | 8 36 | | | 1 25 | 2 00 | 44 | 78 | 62 | 80 |
| 1864.. | 19 50 | 43 25 | 7 00 | 15 50 | 1 75 | 3 50 | 11 25 | 8 55 | | | 1 72 | 2 75 | 60 | 2 03 | 75 | 1 10 |
| 1865.. | 19 00 | 31 50 | 9 75 | 14 00 | 1 55 | 2 50 | 11 17 | 7 45 | | | 1 25 | 1 88 | 1 92 | 2 25 | 70 | 77 |
| 1866.. | 21 18 | 33 55 | 11 50 | 15 25 | 2 50 | 4 10 | 10 15 | 9 18 | | | 2 20 | 3 45 | 2 00 | 2 33 | 25 | 27 |
| 1867.. | 18 90 | 24 10 | 8 50 | 12 50 | 2 60 | 2 75 | 9 10 | 8 16 | | | 2 30 | 3 40 | 2 10 | 2 32 | 25 | 37 |
| 1868.. | 21 10 | 29 50 | 8 25 | 11 25 | 2 50 | 2 60 | 9 12 | 8 15 | | | 2 05 | 3 25 | 91 | 2 30 | 34 | 37 |
| 1869.. | 26 50 | 33 37 | 7 25 | 10 00 | 2 50 | 3 00 | 9 13 | 8 13 | | | 1 45 | 2 18 | 90 | 1 14 | 32 | 35 |
| 1870.. | 20 00 | 30 00 | 5 50 | 9 50 | 2 40 | 3 25 | 9 10 | 7 12 | | | 1 40 | 1 90 | 82 | 1 05 | 34 | 45 |
| 1871.. | 12 85 | 23 00 | 6 75 | 9 75 | 2 80 | 3 25 | 7 10 | 6 11 | | | 1 45 | 2 00 | 85 | 95 | 32 | 63 |
| 1872.. | 12 80 | 16 00 | 7 50 | 9 50 | 2 80 | 3 25 | 7 9 | 6 16 | | | 1 65 | 2 10 | 82 | 91 | 45 | 67 |
| 1873.. | 13 00 | 19 00 | 7 00 | 9 50 | 3 00 | 3 50 | 7 9 | 9 16 | | | 1 55 | 2 25 | 86 | 1 05 | 35 | 57 |
| 1874.. | 13 85 | 24 25 | 6 75 | 10 00 | 1 10 | 3 00 | 7 8 | 7 25 | | | 98 | 1 35 | 92 | 1 03 | 36 | 48 |
| 1875.. | 18 00 | 22 75 | 6 50 | 8 50 | 1 15 | 2 35 | 7 9 | 9 28 | | | 92 | 1 37 | 93 | 1 19 | 38 | 48 |
| 1876.. | 15 70 | 22 37 | 5 00 | 7 50 | 1 15 | 2 50 | 7 10 | 7 19 | | | 84 | 1 27 | 1 04 | 1 10 | 25 | 43 |
| 1877.. | 11 75 | 17 37 | 5 00 | 7 00 | 1 10 | 2 50 | 7 10 | 7 16 | | | 1 06 | 1 85 | 1 04 | 1 09 | 32 | 43 |

II.—OCCUPATIONS IN THE UNITED STATES: NUMBER OF PERSONS ENGAGED IN EACH CLASS, BY STATES AND TERRITORIES—1870.

[From the Official Returns of the Ninth Census, 1870.]

| STATES AND TERRITORIES. | Whole populat'n 10 years and over. | Engaged in all kinds of occupations. | Engaged in agri- culture. | Engaged in profes- sional and personal service. | Engaged in trade & transpor- tation. | Engaged in manu- factures, mec'anic' trades and mining. |
|-------------------------|------------------------------------|--------------------------------------|---------------------------|---|--------------------------------------|---|
| The U. S. | 28,228,945 | 12,505,923 | 5,922,471 | 2,684,793 | 1,191,238 | 2,707,421 |
| Alabama | 706,802 | 365,258 | 291,628 | 42,125 | 14,435 | 17,070 |
| Arizona | 8,237 | 6,030 | 1,285 | 3,115 | 591 | 1,039 |
| Arkansas | 341,737 | 135,949 | 109,310 | 14,877 | 5,491 | 6,271 |
| California | 430,444 | 238,648 | 47,863 | 76,112 | 38,165 | 81,508 |
| Colorado | 30,349 | 17,583 | 6,462 | 3,625 | 2,815 | 4,681 |
| Connecticut | 425,896 | 193,421 | 43,653 | 38,704 | 24,720 | 86,344 |
| Dakota | 10,640 | 5,887 | 2,522 | 2,704 | 204 | 457 |
| Delaware | 92,586 | 40,313 | 15,973 | 11,389 | 3,437 | 9,514 |
| District Columbia .. | 100,453 | 49,041 | 1,365 | 29,845 | 6,126 | 11,705 |
| Florida | 131,119 | 60,703 | 42,492 | 10,897 | 3,023 | 4,291 |
| Georgia | 835,929 | 444,678 | 336,145 | 64,083 | 17,410 | 27,040 |
| Idaho | 13,189 | 10,879 | 1,462 | 1,423 | 721 | 7,273 |
| Illinois | 1,809,606 | 742,015 | 376,441 | 151,931 | 80,422 | 133,221 |
| Indiana | 1,197,936 | 459,369 | 266,777 | 80,018 | 36,517 | 76,057 |
| Iowa | 837,959 | 344,276 | 210,263 | 58,484 | 28,210 | 47,319 |
| Kansas | 123,051 | 123,852 | 73,228 | 20,736 | 11,762 | 18,126 |
| Kentucky | 930,136 | 414,593 | 261,080 | 84,024 | 25,292 | 44,197 |
| Louisiana | 526,392 | 256,452 | 141,467 | 65,347 | 23,831 | 25,807 |
| Maine | 493,847 | 208,225 | 82,011 | 36,092 | 28,115 | 62,007 |
| Maryland | 575,439 | 258,543 | 80,449 | 79,226 | 35,542 | 63,326 |
| Massachusetts | 1,160,666 | 579,844 | 72,810 | 131,291 | 83,078 | 292,665 |
| Michigan | 873,763 | 404,164 | 187,211 | 104,728 | 29,588 | 82,637 |
| Minnesota | 305,568 | 132,657 | 75,157 | 28,330 | 10,582 | 18,588 |
| Mississippi | 581,206 | 318,850 | 259,199 | 40,522 | 9,148 | 9,981 |
| Missouri | 1,205,568 | 505,556 | 263,918 | 106,903 | 54,885 | 79,850 |
| Montana | 18,170 | 14,048 | 2,111 | 2,674 | 1,233 | 8,030 |
| Nebraska | 88,265 | 43,837 | 23,115 | 10,331 | 4,628 | 5,763 |
| Nevada | 36,655 | 26,911 | 2,070 | 7,431 | 3,621 | 13,789 |
| New Hampshire | 260,426 | 120,168 | 46,573 | 18,528 | 8,514 | 46,553 |
| New Jersey | 680,687 | 296,036 | 63,128 | 83,380 | 46,206 | 103,322 |
| New Mexico | 66,464 | 29,361 | 18,668 | 7,535 | 863 | 2,295 |
| New York | 3,378,959 | 1,491,018 | 874,323 | 405,339 | 294,581 | 476,775 |
| North Carolina | 769,629 | 351,299 | 269,238 | 51,290 | 10,179 | 20,592 |
| Ohio | 1,953,374 | 840,889 | 397,024 | 168,308 | 78,547 | 197,010 |
| Oregon | 64,685 | 30,651 | 13,248 | 6,090 | 2,610 | 8,694 |
| Pennsylvania | 2,597,809 | 1,020,544 | 260,051 | 283,000 | 121,253 | 356,240 |
| Rhode Island | 173,751 | 88,574 | 11,780 | 19,679 | 10,108 | 47,007 |
| South Carolina | 503,763 | 263,301 | 206,654 | 34,383 | 8,470 | 13,794 |
| Tennessee | 890,872 | 367,987 | 267,020 | 54,396 | 17,510 | 29,061 |
| Texas | 571,075 | 237,126 | 166,753 | 40,882 | 13,612 | 15,879 |
| Utah | 56,515 | 21,517 | 10,428 | 5,317 | 1,665 | 4,107 |
| Vermont | 258,751 | 108,763 | 57,983 | 21,032 | 7,132 | 22,616 |
| Virginia | 890,056 | 412,665 | 244,550 | 98,521 | 20,181 | 49,413 |
| Washington | 17,334 | 9,760 | 3,771 | 2,207 | 1,129 | 2,653 |
| West Virginia | 308,424 | 115,229 | 73,960 | 16,699 | 6,897 | 17,673 |
| Wisconsin | 751,704 | 292,808 | 159,687 | 58,070 | 21,534 | 53,517 |
| Wyoming | 8,059 | 6,643 | 165 | 3,170 | 1,646 | 1,664 |
| Total | 28,228,945 | 12,505,923 | 5,922,471 | 2,684,793 | 1,191,238 | 2,707,421 |

RECORD OF BUSINESS FAILURES IN ALL THE STATES IN 1873 AND 1875-77.

[From the Quarterly Circulars of Dun, Barlow & Co., N. Y.]

| STATES AND TERRITORIES. | 1873. | | 1875. | | 1876. | | 1877. | | Number of traders 1877. |
|-------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|-------------------------|
| | No. of failures. | Amount of liabilities. | No. of failures. | Amount of liabilities. | No. of failures. | Amount of liabilities. | No. of failures. | Amount of liabilities. | |
| EASTERN STATES. | | | | | | | | | |
| Maine..... | 80 | \$ 752,600 | 130 | \$ 1,537,500 | 138 | \$ 1,916,450 | 149 | \$ 2,037,400 | 10,926 |
| New Hampshire..... | 27 | 513,000 | 73 | 1,076,400 | 48 | 559,255 | 70 | 762,728 | 7,438 |
| Vermont..... | 21 | 350,000 | 63 | 772,700 | 73 | 1,410,930 | 96 | 738,269 | 6,893 |
| Massachusetts..... | 309 | 11,224,000 | 772 | 27,494,943 | 462 | 12,994,829 | 480 | 6,659,054 | 25,548 |
| Boston City..... | | | | | 258 | 10,510,000 | 130 | 6,469,300 | 9,592 |
| Rhode Island..... | 58 | 15,259,000 | 106 | 6,281,695 | 138 | 6,079,056 | 114 | 3,599,607 | 4,999 |
| Connecticut..... | 104 | 1,452,000 | 191 | 2,851,926 | 197 | 4,186,548 | 314 | 5,821,649 | 12,233 |
| Total Eastern States. | 599 | 29,550,000 | 1,335 | 40,015,164 | 1,314 | 37,657,068 | 1,353 | 26,088,007 | 77,724 |
| MIDDLE STATES. | | | | | | | | | |
| New York..... | 544 | 13,721,000 | 706 | 11,920,822 | 998 | 19,311,933 | 1,012 | 15,994,846 | 80,057 |
| New York City..... | 644 | 92,635,000 | 951 | 49,263,667 | 887 | 33,244,018 | 865 | 32,490,974 | 36,299 |
| New Jersey..... | 119 | 2,482,000 | 134 | 2,830,485 | 159 | 2,273,141 | 177 | 3,313,958 | 18,807 |
| Pennsylvania..... | 576 | 31,445,000 | 583 | 18,247,872 | 545 | 10,731,880 | 632 | 15,540,795 | 52,314 |
| Philadelphia City.. | | | | | 138 | 4,281,495 | 175 | 4,946,443 | 18,539 |
| Delaware..... | 31 | 663,000 | 21 | 259,500 | 19 | 209,600 | 15 | 193,000 | 3,644 |
| Maryland..... | 63 | 1,229,000 | 107 | 9,084,690 | 145 | 2,104,637 | 129 | 3,603,634 | 12,608 |
| District of Columbia.. | 13 | 240,000 | 18 | 164,924 | 18 | 87,977 | 44 | 1,090,100 | 2,439 |
| Total Middle States.. | 1,990 | 142,415,000 | 2,520 | 92,771,960 | 2,909 | 72,244,681 | 3,049 | 77,173,750 | 224,707 |
| SOUTHERN STATES. | | | | | | | | | |
| Virginia..... | 125 | 2,188,000 | 138 | 3,296,307 | 172 | 3,351,289 | 159 | 1,312,705 | 9,833 |
| West Virginia..... | | | | | | | | | 4,321 |
| North Carolina..... | 63 | 672,000 | 56 | 923,429 | 126 | 994,918 | 70 | 439,569 | 6,313 |
| South Carolina..... | 36 | 1,927,000 | 131 | 2,781,048 | 89 | 1,500,114 | 66 | 1,168,501 | 4,591 |
| Georgia..... | 67 | 2,113,000 | 156 | 6,128,464 | 147 | 3,110,145 | 103 | 1,181,631 | 7,308 |
| Florida..... | 10 | 258,000 | 16 | 262,800 | 14 | 121,000 | 11 | 149,000 | 1,720 |
| Alabama..... | 52 | 1,337,000 | 42 | 1,118,100 | 51 | 771,821 | 43 | 690,000 | 5,108 |
| Mississippi..... | 79 | 909,000 | 45 | 913,565 | 81 | 738,253 | 86 | 1,079,966 | 5,660 |
| Louisiana..... | 74 | 2,831,000 | 58 | 2,937,684 | 80 | 1,438,143 | 61 | 893,519 | 7,549 |
| Texas..... | 116 | 1,751,000 | 250 | 2,495,849 | 167 | 1,900,515 | 138 | 1,890,696 | 10,692 |
| Arkansas..... | 17 | 307,000 | 31 | 391,300 | 35 | 268,257 | 23 | 270,775 | 3,806 |
| Kentucky..... | 125 | 2,287,000 | 148 | 3,669,758 | 241 | 6,659,247 | 227 | 6,994,428 | 16,496 |
| Tennessee..... | 77 | 1,636,000 | 136 | 1,121,839 | 158 | 2,229,553 | 91 | 1,201,110 | 8,416 |
| Total South'n States. | 841 | 18,216,000 | 1,207 | 26,045,143 | 1,361 | 23,083,260 | 1,078 | 17,271,920 | 91,788 |
| WESTERN STATES. | | | | | | | | | |
| Ohio..... | 321 | 11,520,000 | 389 | 7,993,282 | 371 | 5,414,893 | 373 | 5,860,818 | 39,850 |
| Cincinnati City.... | | | | | 96 | 3,191,349 | 126 | 3,710,684 | 5,494 |
| Indiana..... | 134 | 2,260,000 | 332 | 4,804,052 | 362 | 4,787,401 | 352 | 5,718,700 | 25,439 |
| Illinois..... | 329 | 7,109,000 | 409 | 8,218,470 | 434 | 6,079,710 | 454 | 8,117,091 | 37,689 |
| Chicago City..... | | | | | 199 | 9,164,200 | 206 | 10,065,300 | 11,644 |
| Michigan..... | 248 | 3,917,000 | 283 | 4,123,718 | 576 | 9,736,351 | 350 | 8,032,902 | 23,180 |
| Wisconsin..... | 81 | 1,574,000 | 245 | 2,130,346 | 209 | 4,307,314 | 154 | 2,128,710 | 20,219 |
| Iowa..... | 141 | 1,917,000 | 183 | 1,610,305 | 491 | 3,909,030 | 350 | 2,604,100 | 22,759 |
| Minnesota..... | 61 | 944,000 | 140 | 1,803,406 | 132 | 1,565,684 | 114 | 1,291,852 | 8,206 |
| Missouri..... | 188 | 5,867,000 | 189 | 3,748,793 | 84 | 1,272,737 | 81 | 717,232 | 18,022 |
| St. Louis City..... | | | | | 83 | 2,618,557 | 141 | 7,239,850 | 7,545 |
| Kansas..... | 94 | 821,000 | 88 | 829,400 | 48 | 435,900 | 50 | 355,635 | 7,614 |
| Nebraska..... | 22 | 311,000 | 38 | 197,400 | 37 | 93,600 | 45 | 333,300 | 4,066 |
| Total West'n States.. | 1,619 | 36,040,000 | 2,290 | 35,459,172 | 3,122 | 52,577,277 | 2,756 | 56,187,074 | 231,557 |
| PACIFIC STATES & TER. | | | | | | | | | |
| Oregon..... | | | 18 | 219,448 | 34 | 422,416 | 29 | 266,170 | 2,364 |
| California..... | | | | | 169 | 1,674,973 | 288 | 3,262,852 | 10,487 |
| San Francisco C'y.. | 70 | 1,500,000 | 237 | 5,231,111 | 79 | 2,202,698 | 103 | 8,483,424 | 5,704 |
| Colorado..... | | | 70 | 913,351 | 45 | 505,582 | 58 | 880,103 | 2,239 |
| Nevada..... | | | 45 | 1,011,700 | 25 | 206,167 | 56 | 659,736 | 1,490 |
| Utah..... | | | 8 | 240,600 | 1 | 6,000 | 11 | 44,300 | 1,155 |
| New Mexico..... | | | | | | | 4 | 16,300 | 339 |
| Wyoming..... | | | | | 10 | 140,900 | 4 | 7,200 | 391 |
| Idaho..... | | | 1 | 3,000 | 3 | 30,600 | 4 | 46,000 | 259 |
| Dakota..... | | | | | 10 | 83,400 | 8 | 31,300 | 572 |
| Montana..... | | | 6 | 92,000 | 3 | 75,000 | | | 349 |
| Washington..... | | | 1 | 2,804 | 6 | 203,864 | 7 | 207,800 | 768 |
| Arizona..... | | | | | 1 | 8,000 | 4 | 54,000 | 173 |
| Ter. not before separ.. | 44 | 868,000 | | | | | | | |
| Total Pac. St's & Ter. | 114 | 2,368,000 | 386 | 7,768,914 | 386 | 5,555,500 | 636 | 13,949,185 | 26,235 |
| GRAND TOTALS... | 5,183 | 228,499,000 | 7,740 | 201,060,353 | 9,092 | 191,117,786 | 8,872 | 190,669,936 | 652,004 |
| Dominion of Canada... | 994 | 12,334,192 | 1,968 | 28,843,967 | 1,728 | 25,517,091 | 1,892 | 25,523,903 | 56,284 |

AGGREGATE NUMBER AND AMOUNT OF FAILURES IN THE UNITED STATES FOR 21 YEARS: 1857-1878.

[Compiled from Hunt's Merchants' Magazine, and Dun, Barlow & Co.'s Circulars.]

| Year. | In Northern States only. | | In all the States. | | Year. | In all the States. | | No. of traders. | Per-centage of failures. |
|-------|--------------------------|---------------|--------------------|---------------|-------|--------------------|--------------|---------------------|--------------------------|
| | No. | Liabilities. | No. | Liabilities. | | No. | Liabilities. | | |
| 1857. | 4,257 | \$265,818,000 | 4,932 | \$291,750,000 | 1868. | 2,608 | \$63,694,000 | ..... | ..... |
| 1858. | 3,113 | 73,608,747 | 4,225 | 95,749,000 | 1869. | 2,799 | 75,054,000 | ..... | ..... |
| 1859. | 2,950 | 51,314,000 | 3,913 | 64,394,000 | 1870. | 3,551 | 88,242,000 | 426,000 | 1 in 120 |
| 1860. | 2,733 | 61,739,000 | 3,676 | 79,807,009 | 1871. | 2,915 | 85,252,000 | 475,145 | 1 in 103 |
| 1861. | 5,935 | 188,632,000 | 6,993 | 207,210,000 | 1872. | 4,069 | 121,036,000 | 528,971 | 1 in 130 |
| 1862. | 1,652 | 23,049,000 | ..... | ..... | 1873. | 5,183 | 228,499,000 | 559,764 | 1 in 108 |
| 1863. | 495 | 7,899,000 | ..... | ..... | 1874. | 5,830 | 155,239,000 | 600,490 | 1 in 103 |
| 1864. | 520 | 8,579,000 | ..... | ..... | 1875. | 7,740 | 201,060,000 | 612,423 | 1 in 83 |
| 1865. | 530 | 17,625,000 | ..... | ..... | 1876. | 9,092 | 191,117,000 | 690,992 | 1 in 76 |
| 1866. | 632 | 47,333,000 | 1,505 | 53,783,000 | 1877. | 8,872 | 190,669,000 | 647,656 | 1 in 73 |
| 1867. | 2,386 | 86,218,000 | 2,780 | 96,666,000 | 1878. | 8,678 | 197,211,129 | (9 mos., Jan.-Oct.) | |

NOTE.—The larger proportional number of failures in 1878 is attributed to the repeal of the National Bankrupt Law, taking effect September 1, 1873, and availed of by many seeking a discharge from their obligations.

SPECIE RESUMPTION IN ENGLAND.

WHAT is commonly known as the suspension of specie payment in Great Britain, which continued twenty-four years, from 1797 to 1821, was called in parliamentary language a Restriction of Cash Payments. While the paper of the Bank of England was never made a legal tender, it was effectually kept from being redeemed in coin by a "Bank Restriction Act," annually renewed, and constantly regarded as a mere temporary necessity growing out of war exigencies. The average amount of Bank of England notes circulated during ten years before the restriction, was only £10,800,000, with coin on hand varying from £3,000,000 to £6,000,000. There were also in 1797, in England and Wales, a large number of country banks, variously stated at from two hundred to three hundred and fifty, most of which were required to redeem their notes either in gold, in Bank of England notes, or in bills of exchange on London.

No exact statement exists of the amount of country bank note paper. Several years of war had brought the British Government into distressing financial embarrassments, during which it had drawn heavily upon the Bank of England in the form of temporary loans. A drain of gold to the continent set in, and the treasure of the Bank fell from £6,000,000 in 1795 to £1,200,000 at the close of 1796. The country banks rushed to the Bank of England for assistance or for gold, and a universal panic pervaded London. The Bank had contracted its issues from nearly £11,000,000 to £8,640,000, notwithstanding which its treasure bore the proportion to its paper promises to pay of only about 12 per cent. Hopeless of continuing, the bank directors informed Mr. Pitt, then Prime Minister, that suspension was inevitable, and on the 27th of February, 1797, an Order in Council was posted on the door of the Bank prohibiting further payments in cash.

When Parliament met, the crisis was not passed, and it became

necessary to legalize, in some way, what had been done by the administration. Parliament, while never recognizing any incapacity on the part of the Bank to meet its obligations, passed an indemnity act, and added to it clauses prohibiting it from issuing cash except in sums under one pound, obliging the collectors of the revenue to receive bank notes in payment. The operation of the Restriction was limited to one year, which was subsequently converted into an act to continue the measure until the conclusion of peace. The Bank now increased its issues, and commerce returned to its old channels. During all this time, the pleasant fiction was kept up by the government that there was no suspension of specie payments, and no irredeemable currency. The idea of an inconvertible currency was associated at the close of the eighteenth century only with the continental paper of the American Congress and with the *assignats* put forth in the French Revolution. Although there were found advocates on the floor of Parliament and among commercial men for a strictly irredeemable currency, that idea found no lodgment among the mass of those who controlled public opinion. The forbearance of Mr. Pitt, under pressure of the most enormous financial difficulties, from issuing paper money when his power was almost unlimited, has been regarded as one of the chief merits of that distinguished minister.

Yet the finance-minister under whose reign England was fated to become for a time an irredeemable-paper-money country, was thus satirised in a current epigram of the day :

"Of Augustus and Rome
The poets still warble ;
How he found it of brick,
And left it of marble :

So of Pitt and of England
We may say without vapor,
That he found it of gold,
And left it of paper."

The issues of the Bank (for they were never direct paper issues by the government) during the whole time of the Restriction of cash payments never rose above 28 million pounds (\$140,000,000), and the premium on gold fluctuated from 3 per cent to 34 per cent. At one time, in 1799-1800, foreign exchanges being very favorable, there was an accumulation of nearly 8 million pounds of specie in the Bank vaults against a circulation of less than 13 million pounds. But the solidity of this position was soon reversed by deficient harvests, continued war, and a perpetual demand for gold on the continent. This was thought to compel an increase of issues, and the circulation rose to 16½ million pounds in 1801. The price of gold also rose until it stood at 10 per cent premium. Importations increased greatly, gold flowed abroad incessantly, and the Bank issues continued to swell until in 1810 the circulation had risen to 25 millions of pounds. In that year occurred a prodigious financial and commercial panic, through which half the traders in the Kingdom became bankrupt, many country banks were swept out of existence, and the distress, which amounted to a universal collapse of credit, spread through Europe and even extended to America. A thorough parliamentary inquiry into the currency question followed, resulting in the notable Bullion Report of Mr. Francis Horner and his associates, the whole aim of which was to bring England back to a currency founded on a gold basis and redeemable in specie. But the continued costliness of the war, the drain upon British resources by its great armies fighting against Napoleon, with the condition of domestic industry and production, prevented for years any serious attempt to return to the gold basis.

On the approach of peace in 1814, it was thought that the restriction might safely be repealed, and an act was introduced in that year to continue the restriction for one year only. The war being ended in 1815, though prosperity was not fully restored, another renewal of the restriction of cash payments was passed for another year. Again, in 1816, after the conclusion of the peace of Paris, the country being in an exhausted state, and the waste of resources by war both in England and on the Continent having prostrated the market for English manufactures, the nation was in great commercial distress, amounting to a panic in the money market. It was under these circumstances that the ministry of the day carried through Parliament a continuation of the restriction of cash payments for two years longer, or until 1818. The bill was intended to give time to the Bank of England for preparation.

Gold had begun to fall in 1814 on the first success of the allied armies, but with the return of Napoleon from Elba, threatening a new and prolonged war, to be waged on paper money issues, gold rose to 1.37, falling on the news of Waterloo, in June, 1815, to 1.28, and by September declining to 1.15. By July, 1816, the premium had actually fallen to 1 per cent. At about the same time Parliament had passed the memorable act establishing the single gold standard in Great Britain, which has continued to this day. This act, which refused to silver the quality of legal tender in sums above two pounds sterling, was passed, like the American silver demonetization act of 1873, in a season of the suspension of cash payments.

The year 1818 having arrived, the Earl of Liverpool, the head of the ministry, brought into the House of Lords a bill for the continuance of the bank restriction still another year. The alleged ground for this measure and for the consequent delay in the resumption of cash payments was the great loans then being raised in France to pay off the war indemnity, which it was expected would seriously disturb the London money market. So the timid capitalists joined hands with the paper-money party, who held that the circumstances of the country were so changed that they never could return to cash payments. The Earl of Harrowby declared, in the House of Lords, that there was no reason for asserting that the quantity of paper then forming a part of the circulating medium was excessive. He held that the rise in prices was not owing to the suspension of cash payments, but to other adequate causes, among which was the great increase in the amount of taxation. Too early a date fixed for resumption would entail highly injurious consequences upon the country. He held that there was much greater apprehension among the moneyed classes lest the Bank might be called on to pay in cash one year too soon, rather than one year too late. The French loan would drain the country of its gold, and the time was most unpropitious to return to the policy of paying in specie.

To these arguments the Marquis of Lansdowne replied, that no resumption of cash payments could possibly produce so great evils as those under which the whole commerce, agriculture, and industry of the country were actually suffering. The French loan had little to do with the ability of England to pay specie on demand. The exportation of the precious metals could only be carried to a certain extent.

There would always be some reason for continuing the suspension. Now it was a French loan, next it would be some other pretext. There would never be any want of a reason for persevering in this dangerous course.

The Earl of Harrowby said :

"He was one of a great majority who held, that without the bank restriction this country could never have attained the eminence it had acquired; without it, it never could have reached that height of mercantile prosperity which had made it the envy of the world. . . . If at too early a date an artificial circulation were abandoned, the consequence might be that it would be found necessary to return to it, and the consequences of such a proceeding must be highly injurious."

"It was incorrect to say that human misery had been increased by the restriction of cash payments. . . . The supporters of the bill were asked when would the proper time come for resuming cash payments? The only proper moment, in his opinion, to remove the restrictions would be when no person in the country could perceive they were removed, and when things would slide naturally into their old train. The water should be level on both sides when the flood-gate was opened, otherwise it would rush with such violence as to shut the gate again. He thought the dangers of recurring to cash payments, at the present critical moment, much greater than any attendant on a continuance in a system under which the country had flourished so long."

Mr. Hudson Gurney said :

"I confess I consider it fortunate that the bank did not resume its cash payments in 1816; and I am even inclined to consider it fortunate that it does not resume them now; as I lean most strongly to the opinion that, before the bank can ever pay in specie, with safety to the State, the government must rectify what appears to me to have been no small error. . . . To the pound of account of the times existing, you must adjust your coinage; or on reverting to payments in specie after so long a cessation, your embarrassment will be, I fear, unbounded. It is upon that pound all outstanding contracts were calculated. If, on either side, the scale of justice must incline, the creditor can receive, as he has received, gradually, somewhat less than has been his due. The debtor cannot suddenly be made to pay him more, because he has it not. . . . Previously to the Bank of England being again opened for the payment of specie, after a cessation of so many years, it will be necessary to readjust the coinage to the value of the pound contemplated in the mass of outstanding contracts."

Earl Bathurst was fearful of the most serious injury to commerce if the restriction of cash payments were not continued another year. If the Bank were now to resume cash payments and pay gold, it must diminish its issues of paper in proportion. The consequence would be the gold would be taken out of the country, and the paper circulation contracted at the same time.

The Earl of Lauderdale said that the opponents of cash payments used arguments which, if they believed in them, ought to induce them forever to oppose a return to payments in specie. Why did they favor putting an end to the restriction in July, 1819, rather than in July, 1818? The loans to be negotiated in France were a pretext which could be made the same use of next year as the present. He would support an amendment limiting the restriction to six weeks after the next meeting of Parliament.

The Earl of Liverpool (representing the ministry) though sincerely desirous of putting a speedy end to the restriction of cash payments, thought the present was not a proper time for carrying such a measure into effect. Nevertheless, he was anxious to put an end to the restriction, because the tendency of an incontrovertible paper currency was to create fictitious wealth; bubbles, which by their bursting, produced inconveniences. It was because he wished the restriction to be put an end to, that he was desirous to have cash payments resumed at a time favorable to such an operation, and when it might be likely that it would be well received by the community.

Lord Grenville said :

"Satisfied as he was then, and confirmed as he was now, that there never had been a more fatal measure than the commencing and continuing the suspension of cash payments, he looked with the greatest anxiety to the time when we should be again free from that clog. He confidently believed that Parliament had given the country a sacred pledge which nothing but the most urgent necessity, such as a general failure of the bank, at least, could tempt them to forego—a pledge which he

deemed so inviolable that nothing but insuperable difficulties could tempt them to renew the restriction. . . . In former times they were told that the existence and safety of the country were at stake, and the suspension of cash payments was justified as a necessary provision against the most fatal consequences. It was then adopted for a short period ; but since then it had been renewed at different periods, until now it had assumed an indefinite character, being defended in a manner which placed it beyond the power of any man to assign a probable limit to its operation. It was admitted upon all hands that the banks should pay their notes in cash ; but it was attempted to be inferred that on the slightest possible ground—on such a ground, for instance, as that France was about to make a grant—no one knew to what amount—the practice of cash payments should be interrupted. Parliament should do away with the landmarks of public credit, and blindly persevere in a system which had already brought the country to the verge of destruction, and which, if still adhered to, must lead it, not to the verge, but inevitably down the precipice. There was this evil attending the state of our circulation under its influence, that no class of society, from the highest to the lowest, could know what were their means, what their income, or their wages. . . . They issued paper at one period until it was depreciated to the extent of twenty-five per cent. below the currency it represented, so that no man received his rent without suffering a loss of twenty-five per cent. or more. The grievance was then felt; the mockery of receiving only seventy-five per cent. in payment of private debts was felt; the mockery, and cruelty, and gross injustice of exposing the public creditor to the same hardship in a transaction with the State itself were felt. But how was it encountered, after all ? Not by retracing the steps which were so taken, but by forcing a circulation—by enacting a law which made that depreciated currency a legal tender, imitating thereby the worst conduct of the worst government that had ever disgraced the country.

“He was confident that the principal, the *sine qua non* cause of all our late calamities rose from the extensive issue of bank paper, and the ruin consequent on the depreciation of that issue. To that was to be ascribed the tears and want of families reduced from comfort to dependence, and the distress, which, embracing all orders, from the highest to the lowest, had almost ground to destruction the middle classes of society.”

The House of Commons again passed the Restriction-of-cash-payments Bill, on May 18th, 1818, postponing resumption until July 5th, 1819, by a vote of 88 yeas to 27 nays, and it went through the House of Lords without a division.

The repeated postponement of resumption in Great Britain, after it had been fully resolved upon, is a matter which still continues the subject of controversy. The main causes assigned which brought about this postponement were the great speculations of the year 1817, the excess of imports, and the large number of European loans draining English capital abroad, followed by stagnation in business and a great decline in prices. This state of things had in 1819 produced such an effect in and out of Parliament, that the Bank directors, after paying out 4 million pounds in redemption of their notes, under the conditions fixed by the statutes of 1816, and fearing the entire exhaustion of their treasure, applied to Parliament to be relieved from the further performance of their own promises.

And now there arose a considerable party in Parliament which insisted that a return to specie payment under the original standard of value would be a monstrous injustice to the community. The fundholders alone, it was said, would be benefited by it. The people would be taxed to pay in gold debts which had been created in paper. Capital should not be thus favored at the expense of the labor of the country. If Parliament were determined to restore specie payments, it was said, it should in justice establish a new standard ; the value of sterling money should be reduced by 25 per cent., or else resumption should be coupled by the allowance of an equivalent reduction to every debtor on the amount of his obligations. On the other hand, a large party in the House of Commons insisted that the national honor was involved in paying every obligation at its face value, penny for penny. Parliament, while consenting to renew the suspension law from year to year, had repeatedly pledged itself

to ultimate resumption. The government had borrowed largely on the faith of these pledges ; every debt, public or private, had been contracted with full knowledge of the acts of Parliament fixing the time of resumption ; and every bank note bore a promise to pay specie upon its face.

Early in 1819, each House of Parliament appointed a secret committee " respecting the Bank of England resuming cash payments." These committees, after a protracted examination of witnesses on the financial question from all classes of the kingdom, brought in their reports. The report in the House of Lords on cash payments set forth the fact that at the suspension in 1797, the amount of circulating medium had been about forty-two millions of pounds, or \$210,000,000. This was made up of Bank of England notes to the amount of £10,500,000, country notes (including Scotland) £7,000,000, and gold coin in circulation, estimated at £25,000,000 sterling. The gold in circulation thus exceeded the paper in the ratio of about twenty-five to seventeen. In 1817 the paper emissions of the Bank of England had risen to almost £29,000,000 sterling, or very nearly three times their amount before the suspension of cash payment. At the same time the country banks had notes in circulation amounting to from fifteen to twenty million pounds ; so that the whole paper currency varied from forty-five to fifty million pounds sterling, against only seventeen millions in the year 1797, when the first suspension of specie payments took place, being thus nearly three times the amount of paper currency before the war. The report of the committee recommended that provision should be made for the restoration of cash payment ; first, by a repayment of the debt of government to the bank to a considerable amount, such payment to precede resumption ; and second, that the bank should be required to redeem its notes in gold bullion for two years, and that on the 1st of May, 1823, cash payments should be resumed in full. This, as will be seen, was giving four years for preparing for resumption, as was done by the act of Congress of January 14, 1875, providing for the resumption of specie payments on the 1st of January, 1879.

No sooner were these reports fairly before Parliament than that body was besieged by remonstrances on the part of some mercantile interests. On the 21st of May, 1819, the Earl of Lauderdale presented a petition of merchants, bankers, traders, and others, of the city of London, remonstrating against the passage of any law for the termination of the restriction upon payments in cash by the Bank of England. The following is an extract from this petition :

" That your petitioners have reason to apprehend that measures are in contemplation with reference to the resumption of cash payments by the Bank of England, which, in the opinion of your petitioners, will, as they humbly submit to your lordships, tend to a forced, precipitate, and highly injurious contraction of the circulating medium of the country.

" That the consequences of such contraction will, as your petitioners humbly conceive, be to add to the burthen of the public debt, greatly to increase the pressure of the taxes, to lower the value of all landed and commercial property, seriously to affect both public and private credit, to embarrass and reduce all the operations of agriculture, manufactures and commerce, and to throw out of employment a great proportion of the industrious and laboring men of the community."

The debate in Parliament on specie resumption was long and interesting. The Earl of Liverpool cogently argued that while in the last three years of the war gold had risen from the standard of £3 17s. 10d. per ounce, to the enormous price of £5 4s. 0d. per ounce, being a rise of between twenty and thirty per cent above the standard of

the country, yet when peace came the price of gold was greatly lowered, until now, in the year 1819, it had varied only from three to ten per cent above the standard. The Earl of Liverpool declared :

" This fact was unquestionable at least, that no country in the world had ever established a currency without a fixed standard of value. The standard might be altered as their circumstances changed—as they became richer or poorer. It might be gold, it might be silver, it might be copper, or even iron. It might be anything that had real value in it ; though the metals had been preferred for this purpose by the general consent of all nations. But it could not be paper, which has no value, and is only promise of value ; and there was no principle in morals nor in politics that could be more clear than that in time of peace, and without the existence of the dangers to which they were exposed by war, they should not precipitate a system which could only be justified by the difficulties of the country."

He continued to urge the expediency and practicability of returning to the universal standard of value as required by policy, good faith, and common honesty.

Lord Granville said he had found occasion to lament the part he had himself taken in prolonging the suspension of cash payments during the term of the lately existing war. He now could not help expressing his joy and satisfaction that the country had at last arrived at a period when it could look forward with certainty to the repeal of this injudicious and unfortunate measure. He referred to the tendency of an inflated paper currency to produce speculation and commercial failures :

" As an illustration of his argument, he would refer their lordships to a list of bankrupts from the year 1790 to the present time ; and their lordships could not fail to remark the striking coincidence of increased bankruptcies with the system of increased facilities. While the bank was lending money with one hand, with the other it was shaking the foundations of contracts, affecting all prices and involving the country in distress and individuals in ruin, and in a proportion ten-fold greater than any advantage that would arise from their liberal issues."

Lord Granville challenged the opponents of specie payments to deny that paper money had been depreciated more than thirty per cent. He declared that there was no security whatever against the recurrence of such an evil. Parliament had by repeated acts first fixed the termination of the system ; then prorogued it, and then prorogued it again. No man ventured to deny that at some period cash payments should be resumed. Every postponement of the obligation to pay in specie led to fresh issues of paper by the Bank. The question now was, would Parliament perform its duty ?

In the House of Commons Sir Robert Peel, who brought in the bill for resumption, took the lead in the debate. He first referred to his own opposition at a former period (1810-11) to the resumption of cash payments.

" He was ready to avow, without shame or remorse, that he went into the committee with a very different opinion from that which he at present entertained ; for his views of the subject were most materially different, when he voted against the resolutions, brought forward in 1811, by Mr. Horner, as the chairman of the Bullion Committee. Having gone into the inquiry, determined to dismiss all former impressions that he might have received, and to obliterate from his memory the vote which he had given some years since, when the same question was discussed, he had resolved to apply to it his undivided and unprejudiced attention, and adopt every inference that authentic information or mature reflection should offer to his mind. . . . From the nature of the evidence of practical men before the Committees of Parliament, and of the other information he had received, he felt himself called upon to state candidly and honestly that he was a convert to the doctrines regarding our currency which he had once opposed. . . .

" New and extraordinary opinions had been promulgated, which, if the House was prepared to act on them, must inevitably lead to an indefinite suspension of

cash payments. When he recollected that the necessity for a resumption of cash payments was recognized in the preamble of different acts of Parliament—when he knew that no objection was formerly made to the principle of doing so, he confessed he was not exactly prepared to hear that a principle the very reverse would be contended for. But judging from certain publications, by which he feared the public mind was influenced, it did appear that the return to cash payments was viewed in some quarters with alarm; and he came to this conclusion, that if weight and authority were given to the principles and sentiments contained in those works, amongst the various propositions which have been advanced on the subject, was one which at first appeared very plausible, and was made by those who admitted the advantage of reverting to a metallic standard of value. The argument they used was, that a variable standard exposed the country to great danger; but at the same time, as we had now been twenty-two years without a metallic circulation, it would be extremely difficult and hazardous to revert to the ancient system. These persons maintained, that we ought to regulate the value of gold by the market price; and their plan amounted to neither more nor less than this—we ought to extricate ourselves from our present difficulties by depreciating the precious metals. They proposed that the bank should regulate the payment of its notes, not by a fixed standard, but by the price of gold, whatever it might be. In other words, in place of the ancient system of the country, by which paper was placed on a par with gold, they would reduce gold to a par with paper. That was a proposition which could be viewed in no other light than as a fraud on the public creditor.

He felt himself bound to caution the House against all arguments in support of a course which, though fraudulent, would not accomplish its own objects, while it aggravated present difficulties. The House must be prepared to legislate for an indefinite suspension. It was, therefore, absolutely necessary, in the outset, that Parliament should make up its mind on this point, whether a metallic standard of value should or should not be resorted to? On this account it was that, in a second resolution, he had called on the House to affirm the necessity for the adoption of a metallic standard. The House must now make up its mind upon the question whether the old metallic standard should be restored or not, and after an experience of twenty-two years, it was in his mind impossible that any considerate man should hesitate upon that question, or upon the expediency of returning to the ancient system of fixing upon some standard of value. Upon the necessity of establishing such a standard he could appeal to the opinion of all writers on political economy, and to the practice of every civilized country, as well as to that of our own, antecedent to the year 1797. All the witnesses, indeed, examined before the committee, strongly recommended the establishment of this standard, one witness alone excepted (Mr. Smith, a very respectable man), who was an advocate for the indefinite suspension of cash payments.

"Sir Isaac Newton, returning from the sublime study in which he chiefly passed his life—from the contemplation of the heavenly bodies—from an investigation of the laws by which their motions were guided—entered on the examination of this subject; but that great man came back at last to the old, the vulgar doctrine, as it was called by some, that the true standard of value consisted in a definite quantity of gold bullion. Every sound writer on the subject came to the same conclusion, that a certain weight of gold bullion, with an impression on it denoting it to be of that certain weight and of a certain fineness, constituted the only true, intelligible and adequate standard of value; and to that standard the country must return, or the difficulties of our situation would be aggravated as we proceeded. . . It was notorious that the restoration of a metallic standard of value was essential to our relief from those difficulties.

"But it was said the Bank was safe; their affairs were prosperous; the utmost confidence prevailed; their issues were made upon the best security, and the public faith was pledged to them. This was perfectly true, and clearly distinguished the Bank of England from all other establishments of the like nature. But did it follow that, because the Bank was solvent, there could be no over-issue of its paper? If solvency alone was a sufficient proof that there was no excess of circulation, the theory of Mr. Law was just, and the land as well as the funds, might be safely converted into a circulating medium.

"In the year 1815, our commerce was in full activity, a great impulse had been given, speculation was at its height, and the exports were great beyond example. But in 1816 and in 1817 came the natural result of these overstrained hopes and exertions. A languor, proportionate to the degree of excitation, succeeded. An immense accumulation of property had taken place for which there was no demand. Prices fell, the country banks stopped their issues, and thousands were in a moment stricken to the ground by a blow which they could not foresee, and against which it was impossible to provide. The amount of Bank of England notes in circulation previous to 1814 was about £23,000,000; in 1815 it was about £25,000,000; in 1816, £26,000,000; and at the end of 1817, £29,000,000."

Peel further declared to the House of Commons that it would answer no good purpose to promise a resumption of cash payments

without fixing upon some definite period, because such a promise had been made no less than five times, and every time had proved delusive. The country, in order to be satisfied, must see that a serious resolution to be carried into effect existed upon this subject.

After protracted discussions, of which the above is the barest outline, the resistance to the principle of resumption was beaten by a great majority. Though the immediate resumptionists, not being sustained by the Ministry, won no victory, Mr. Peel's bill was adopted by the House of Commons without a dissenting voice amid loud cheers. In the House of Lords it was also passed without a division, and received the royal assent July 2d, 1819. It provided for a gradual return to specie payment in four years. When the bill passed in 1819, gold stood at 5 per cent premium. The bill required that after the 1st of February, 1820, the Bank should be liable to deliver on demand gold for paper at the rate of £4 1s. per ounce—that is to say, any party presenting bank-notes to the amount of £243 should receive in return a bar of gold worth £233. After October 1st, 1820, he was to pay only £238 for the same quantity of gold, and after May 1st, 1821, gold ingots were to be made purchasable at their par value in notes. Two years more were allowed for the full trial of this experiment, and the Bank was required, on May 1, 1823, to begin the redemption of its notes in coin.

This rather clumsy graduation scheme of resumption, it will be seen, did not require the payment of actual coin, but of gold ingots or bullion, and the act itself contained an admission or official acknowledgment of depreciation in attempting to force the price of gold down. Within a few months after the adoption of this resumption act, gold fell to par, where it has ever since remained. The Bank got ready its bullion bars to redeem its notes, but no one wanted them. On the contrary, large amounts of gold were poured into its vaults, evincing the familiar fact that when specie is to be had for convertible paper, the public prefers the paper. Early in 1821, the directors asked Parliament to pass a new act providing for the entire resumption of cash payments on the 1st of May of that year—two years in advance of the time originally fixed for resumption. This brought about the result silently and without shock, the Bank circulation remaining actually undiminished except so far as gold sovereigns were substituted for the one and two pound notes, which were retired.

And it was the suppression of these small notes, which had played a prominent part during the whole time of suspension, and had been put forth by the country banks even more freely than by the Bank of England, which led to grave financial troubles after resumption. From 1819 to 1822 there was a steady and sharp decline in prices throughout England, a decline attributed generally to the contraction brought about by Peel's bill. The contraction in credits and business enterprises then much complained of, was doubtless due to the "discounting" of the effects of resumption in specie, and how much of this contraction was wholesome and how much disastrous is still the subject of controversy. Though the agricultural and the shipping interests were much depressed—a fact attributed by some to their undue previous expansion—manufacturing interests extended and prospered, and there were fewer bankruptcies in the three years ending in 1821 than in any corresponding period since 1809. Yet the shrinkage in prices and the difficulty of doing business at a profit was such as to create an agitation against contraction, and especially

against the suppression of the one-pound and two-pound notes—one of the great features of resumption. Parliament at length yielded to the pressure, and in 1822 passed an act postponing, for the long term of eleven years, the prohibition of the small notes. The result was a general reissue of one and two-pound notes by the bankers, a stimulus to joint stock and all other enterprises, and a great speculation in goods, stocks, and foreign loans. The increasing plethora of small paper-money, with the long term before the banks of its legalized currency, produced all the effects of a great inflation. In 1825 the issues of the country bankers were 50 per cent more than in 1822. Prices continually rose—on some commodities 25 per cent, and on others 50 per cent. Five hundred and thirty-two new joint-stock companies were created in one year, with a nominal capital amounting to £441,649,600, or more than two thousand millions of dollars. The crisis came in 1825. Credit, which had been pushed to the utmost, began to weaken, private banking-houses in London tumbled, and the financial ruin of multitudes followed. There were 1,100 bankruptcies in 1825, and in 1826 the number rose to 2,600. Gold was drained abroad to an enormous amount to pay for the government loans and other enterprises in which sanguine Englishmen had invested. Wages fell, employment fell off, and wide distress spread through all classes of community. The government was besieged for an order in council to restrain payments in specie, but Mr. Canning firmly refused. The Bank of England met the crisis by doubling its discounts, instead of fanning the flame of distrust by refusing credit. Still, the insatiable demand for gold which had set in would have led to the worst results, but for the fact that the Bank paid it out promptly and resolutely as fast as its notes were offered. On Dec. 4th, 1825, the coin and bullion in its vaults was reduced to only £1,024,000; this, too, with an outstanding circulation in paper of £25,709,000. The directors of the Bank then bethought them of a box of one pound notes which had been put by, and application was made to the government for permission to issue them, which was granted (the power already existing by law) on condition that it should be strictly temporary. The issue of the small notes worked wonders. It proved, first, that the money famine was rather a want of small change than a necessity for gold; and, secondly, that the run on the banks, firmly met as it had been by specie, had nearly spent its force, when the public were glad to receive one pound notes for their large bills, in place of sovereigns.

Parliament met a month later, when the panic was investigated, and attributed by its committees to the inflation produced by the heavy issues of small notes by the country banks in the two preceding years. It was insisted by the majority that the restoration of a metallic issue could not be effected so long as small notes were permitted; that wherever there was a paper circulation of the same denomination as the specie currency, the coin was sure to be expelled by the paper; and the chancellor of the exchequer brought in a bill limiting the circulation of small notes issued by the Bank of England or other banks to three years, (or from Nov. 26, 1826 to Nov. 26, 1829), after which they were to be extinguished. Parliament promptly acted by passing an act requiring the withdrawal of the small-note circulation, to be substituted by metallic currency, and the panic having spent its force, prosperity was once more re-established in England.

Table showing the Issues of Paper by the Bank of England during the Suspension of Cash Payments; also, the amount of Specie on hand each Year, and the price of Gold.

| YEAR. | Circulation. | Bank treasurc. | Price of gold. | YEAR. | Circulation. | Bank treasurc. | Price of gold. |
|----------|--------------|-------------------|----------------------|-----------|--------------|-------------------|----------------------|
| | £ | £ | | | £ | £ | |
| 1797.... | 9,674,780 | 1,086,170 | 100 | 1813 .. | 23,210,080 | 2,884,500 | 130 |
| 1793.... | 13,095,830 | 5,828,940 | 100 | 1814.... | 24,801,080 | 2,204,430 | 134 |
| 1799.... | 12,959,800 | 7,563,900 | 100 | 1815.... | 27,261,650 | 2,036,910 | 115 |
| 1800.... | 16,844,470 | 6,144,250 | 109 | 1816.... | 27,013,620 | 4,640,880 | 105 |
| 1801.... | 16,213,280 | 4,640,120 | 107.85 | 1817.... | 27,397,900 | 9,680,970 | 100.8 |
| 1802.... | 15,186,880 | 4,152,950 | 106.2 | 1818.... | 27,770,970 | 10,055,460 | 104.5 |
| 1803.... | 15,319,930 | 3,776,750 | 103 | 1819.... | 25,126,700 | 4,184,620 | 104 |
| 1804.... | 17,077,830 | 3,372,140 | 103 | 1820.... | 23,484,110 | 4,911,050 | 100 |
| 1805.... | 17,871,170 | 5,883,800 | 103 | 1821.... | 23,884,920 | 11,869,900 | 100 |
| 1806.... | 17,730,120 | 5,987,190 | 103 | 1822.... | 18,665,350 | 11,057,150 | 100 |
| 1807.... | 16,950,680 | 6,142,840 | 103 | 1823.... | 18,033,635 | 10,384,000 | 100 |
| 1808.... | 18,188,860 | 7,855,470 | 103 | 1824.... | 19,927,120 | 14,200,000 | 100 |
| 1809.... | 18,542,860 | 4,448,700 | 115.5 | 1825*.... | 25,709,000 | 1,024,000 | 100 |
| 1810.... | 21,019,600 | 3,501,410 | 115 | 1826.... | 23,515,000 | 2,460,000 | 100 |
| 1811.... | 23,360,220 | 3,350,940 | 118.75 | 1827.... | 21,891,000 | 10,159,000 | 100 |
| 1812.... | 23,408,320 | 2,983,190 | 122 | | | | |

* Dec. 24.

Area of the Coal Fields of the United States, and Annual Production.

| STATES AND TERRITORIES. | Area, square miles. | Tons produced in 1869 (U.S. census, 1870). | Value, 1870. | Tons produced, 1877. (Saward's estimate). |
|-----------------------------------|---------------------------|--|-----------------|---|
| | | | \$ | |
| 1 Pennsylvania, { Anthracite..... | 472 | 15,664,275 | 38,436,745 | 28,619,911 |
| { Bituminous..... | 12,302 | 7,738,518 | 13,921,069 | 12,500,000 |
| 2 Ohio..... | 10,000 | 2,527,285 | 5,482,952 | 5,250,000 |
| 3 Illinois..... | 36,800 | 2,624,163 | 6,097,432 | 3,500,000 |
| 4 Maryland, Bituminous..... | 550 | 1,819,824 | 2,409,208 | 1,574,339 |
| 5 West Virginia..... | 16,000 | 608,878 | 1,035,862 | 1,000,000 |
| 6 Iowa..... | 18,000 | 263,487 | 874,334 | 1,500,000 |
| 7 Indiana..... | 6,450 | 437,870 | 988,621 | 1,000,000 |
| 8 Missouri..... | 26,887 | 621,930 | 2,011,820 | 900,000 |
| 9 Kentucky..... | 12,871 | 150,582 | 446,795 | 850,000 |
| 10 Tennessee..... | 5,100 | 123,418 | 320,498 | 750,000 |
| 11 California..... | | | | 600,000 |
| 12 Colorado..... | | 4,500 | 16,500 | 300,000 |
| 13 Kansas..... | 22,256 | 32,938 | 114,278 | 200,000 |
| 14 Oregon..... | | | | 200,000 |
| 15 Alabama..... | 5,330 | 11,000 | 89,000 | 175,000 |
| 16 Washington..... | | 17,844 | 107,064 | 150,000 |
| 17 Wyoming..... | | 50,000 | 800,000 | 100,000 |
| 18 Virginia..... | 185 | 61,803 | 226,114 | 90,000 |
| 19 Michigan..... | 6,700 | 23,150 | 104,200 | 30,000 |
| 20 Nebraska..... | 3,000 | 1,425 | 8,550 | 50,000 |
| 21 Utah..... | | 5,800 | 14,550 | 45,000 |
| 22 Rhode Island..... | 500 | 14,000 | 59,000 | 14,000 |
| 23 Arkansas..... | 12,000 | | | |
| 24 Texas..... | 20,000 | | | |
| | | 32,863,690 | 73,524,992 | 54,698,250 |

STATISTICS OF COAL.

THE first coal discovered in America was by Father Hennepin, in 1669, in what is now Ottawa, Illinois. It appears from the figures given by Macfarlane in "The Coal Regions of America," 1873, that Illinois has a larger area of coal fields than any other of the United States. The coal of the Western States, and a very large share of that produced in the Middle States, is bituminous, generally called soft coal. Anthracite, or hard coal, is found only in an area of about four hundred and seventy square miles, in Pennsylvania, in the counties of Schuylkill, Carbon, Luzerne, Northumberland, Dauphin, and Columbia. The first mining of coal was in the year 1813, when five ark loads of flinty coal were floated down the Lehigh River, and sold at Philadelphia for twenty-one dollars a ton. The fuel of the country was then almost wholly wood, Liverpool coal being a rare luxury. The entire importation of coal as late as the year 1821 was only 22,122 tons for the whole United States.

The first regular shipments of coal from the mines of Pennsylvania began in 1820, and the table of the annual product since is given herewith. The coal industry of Pennsylvania is one of enormous proportions, the annual product being valued at fifty millions of dollars. Besides more than twenty million tons of anthracite coal, there are mined in this State nearly ten million tons of bituminous coal per annum. Of the latter, the States of Ohio and Illinois produce the next most extensive yield, estimated for each at about three million tons annually. Maryland comes next with something more than two million tons annually, of bituminous, or Cumberland coal. This great coal field, located in Alleghany County, the extreme western part of Maryland, was first worked in 1842. It finds the sea-board market through the Chesapeake and Ohio Canal (from Cumberland to Alexandria, D.C.), and the Baltimore and Ohio Railroad. The coal is of high quality for bituminous, producing from fifty to sixty-five per cent of carbon; thirty-one to forty-seven per cent of volatile combustible matter; and three to eleven per cent of ashes. The Ohio soft coal averages about fifty-seven per cent of carbon; Pennsylvania anthracite has from eighty-eight to ninety-one per cent of carbon, two and a half to five per cent of volatile combustible matter, and five to seven per cent of ashes.

| | |
|--|---------------|
| Number of collieries in the United States in 1870..... | 1,566 |
| Number of hands employed..... | 92,454 |
| Capital invested in coal mining..... | \$110,006,029 |

Production of Cumberland Coal from the commencement of the Trade.—Shipments only—Tons of 2,240 lbs.

[Compiled from official sources in the office of the Cumberland and Pennsylvania R.R. Co.]

| Year. | Tons. | Year. | Tons. | Year. | Tons. | Year. | Tons. |
|---------|---------|--------|---------|--------|-----------|---------|------------|
| 1842... | 1,708 | 1852.. | 334,178 | 1862.. | 317,634 | 1872.. | 2,355,471 |
| 1843... | 10,082 | 1853.. | 533,979 | 1863.. | 748,345 | 1873.. | 2,674,101 |
| 1844... | 14,890 | 1854.. | 659,681 | 1864.. | 657,996 | 1874.. | 2,410,895 |
| 1845... | 24,653 | 1855.. | 662,272 | 1865.. | 902,495 | 1875.. | 2,342,773 |
| 1846... | 29,793 | 1856.. | 706,450 | 1866.. | 1,079,331 | 1876.. | 1,835,081 |
| 1847... | 52,940 | 1857.. | 582,486 | 1867.. | 1,193,822 | 1877.. | 1,574,389 |
| 1848... | 79,571 | 1858.. | 649,656 | 1868.. | 1,330,443 | | |
| 1849... | 142,449 | 1859.. | 724,354 | 1869.. | 1,882,669 | Total.. | 22,090,877 |
| 1850... | 196,848 | 1860.. | 788,909 | 1870.. | 1,717,075 | | |
| 1851... | 257,679 | 1861.. | 269,674 | 1871.. | 2,345,158 | | |

THE ANTHRACITE COAL PRODUCTION OF PENNSYLVANIA. 1820-1877.

[From The Engineering and Mining Journal, New York.]

| YEAR. | 1. THE SCHUYLL-KILL REGION. Schuylkill, Northumberland, Columbia, Dauphin, and Lebanon counties. | 2. THE WYOMING REGION. Luzerne and Sullivan counties. | 3. THE LEHIGH REGION. Carbon, Columbia, and Luzerne counties. | All the regions. |
|-----------|---|---|---|------------------|
| Before | Tons, 2,240 lbs. | Tons, 2,240 lbs. | Tons, 2,240 lbs. | Tons, 2,240 lbs. |
| 1820.... | 5,000 | 10,000 | 3,000 | 18,000 |
| 1820.... | 500 | 800 | 665 | 1,965 |
| 1821.... | 800 | 1,000 | 1,473 | 3,273 |
| 1822.... | 1,000 | 1,200 | 2,740 | 4,940 |
| 1823.... | 1,200 | 1,300 | 6,523 | 9,023 |
| 1824.... | 1,500 | 1,700 | 10,441 | 13,641 |
| 1825.... | 7,008 | 2,000 | 29,493 | 38,499 |
| 1826.... | 19,335 | 2,700 | 32,780 | 54,815 |
| 1827.... | 32,893 | 4,000 | 34,274 | 71,167 |
| 1828.... | 52,481 | 6,200 | 33,233 | 91,914 |
| 1829.... | 87,293 | 10,800 | 29,110 | 133,203 |
| 1830.... | 104,584 | 58,200 | 46,850 | 209,634 |
| 1831.... | 104,854 | 78,800 | 47,166 | 230,820 |
| 1832.... | 243,771 | 121,700 | 82,700 | 448,171 |
| 1833.... | 298,333 | 161,777 | 132,100 | 592,210 |
| 1834.... | 374,977 | 53,008 | 128,874 | 556,859 |
| 1835.... | 410,805 | 108,900 | 153,812 | 673,517 |
| 1836.... | 521,473 | 125,360 | 173,891 | 820,724 |
| 1837.... | 630,398 | 139,041 | 269,802 | 1,039,241 |
| 1838.... | 521,951 | 94,083 | 250,970 | 873,013 |
| 1839.... | 545,446 | 146,760 | 265,230 | 957,436 |
| 1840.... | 560,421 | 177,867 | 299,932 | 1,038,220 |
| 1841.... | 725,978 | 229,955 | 171,072 | 1,127,005 |
| 1842.... | 659,047 | 301,856 | 325,692 | 1,286,595 |
| 1843.... | 819,276 | 340,441 | 319,209 | 1,478,926 |
| 1844.... | 1,015,633 | 435,434 | 448,033 | 1,899,099 |
| 1845.... | 1,298,336 | 536,339 | 509,761 | 2,344,436 |
| 1846.... | 1,480,247 | 614,391 | 612,783 | 2,707,421 |
| 1847.... | 1,669,165 | 689,185 | 748,805 | 3,107,155 |
| 1848.... | 1,973,185 | 808,531 | 790,979 | 3,572,695 |
| 1849.... | 1,942,108 | 862,635 | 920,000 | 3,724,812 |
| 1850.... | 2,079,387 | 972,692 | 811,286 | 3,863,365 |
| 1851.... | 2,705,591 | 1,355,023 | 1,130,071 | 5,190,685 |
| 1852.... | 2,967,884 | 1,502,865 | 1,254,969 | 5,725,718 |
| 1853.... | 2,984,765 | 1,723,655 | 1,231,433 | 5,939,853 |
| 1854.... | 3,572,132 | 1,968,062 | 1,406,873 | 6,946,556 |
| 1855.... | 4,130,852 | 2,060,267 | 1,493,423 | 7,684,542 |
| 1856.... | 4,143,293 | 2,288,194 | 1,568,285 | 7,999,767 |
| 1857.... | 3,906,837 | 2,261,114 | 1,526,571 | 7,694,522 |
| 1858.... | 3,741,790 | 2,527,125 | 1,595,315 | 7,864,230 |
| 1859.... | 3,979,809 | 3,151,846 | 1,870,071 | 9,010,726 |
| 1860.... | 4,319,576 | 3,388,973 | 2,068,569 | 9,807,118 |
| 1861.... | 3,684,916 | 3,513,411 | 1,999,134 | 9,197,461 |
| 1862.... | 3,967,175 | 3,608,198 | 1,549,658 | 9,095,031 |
| 1863.... | 4,478,877 | 4,304,754 | 2,169,446 | 10,953,077 |
| 1864.... | 4,756,532 | 4,526,635 | 2,348,238 | 11,631,405 |
| 1865.... | 4,979,457 | 3,720,717 | 2,082,858 | 10,783,032 |
| 1866.... | 6,245,599 | 5,413,958 | 2,433,280 | 14,092,837 |
| 1867.... | 5,899,505 | 6,069,272 | 2,356,967 | 14,325,744 |
| 1868.... | 6,097,947 | 6,846,699 | 2,865,630 | 15,810,276 |
| 1869.... | 6,782,146 | 7,379,543 | 2,813,989 | 16,975,678 |
| 1870.... | 5,516,312 | 8,814,054 | 3,489,364 | 17,819,730 |
| 1871.... | 7,120,340 | 7,090,251 | 2,568,764 | 17,779,355 |
| 1872.... | 7,131,309 | 10,750,050 | 4,202,824 | 22,084,183 |
| 1873.... | 7,335,333 | 11,744,141 | 3,801,447 | 22,880,921 |
| 1874.... | 7,266,793 | 10,241,032 | 4,130,561 | 21,638,386 |
| 1875.... | 6,713,113 | 11,062,520 | 2,867,876 | 20,643,509 |
| 1876.... | 6,500,000 | 8,530,000 | 3,970,000 | 19,000,000 |
| 1877.... | 8,600,000 | 8,321,000 | 4,400,000 | 21,321,000 |
| Total.... | 157,776,236 | 151,639,369 | 72,422,227 | 331,837,832 |

THE IRON INDUSTRY.

[Condensed chiefly from "Statistics of the American and Foreign Iron Trades," by the Secretary of the American Iron and Steel Association, Philadelphia, 1878.]

The iron industry of the United States centres most largely in Pennsylvania, and forms one of the chief sources of wealth to that State, so rich in mineral productions.

Of the aggregate American product of pig iron in 1877, 2,314,585 tons, Pennsylvania produced 1,153,356, or almost precisely fifty per cent. of the whole product of the country. Ohio came next with 400,398 tons, and New York third with 230,442 tons. At the average price of \$19 per ton, the value of Pennsylvania's product of pig iron was nearly \$22,000,000 in 1877, while in 1872, with a product of 1,401,497 tons, and an average price of \$49 per ton, the value of the product was \$68,673,380, or more than three times as much. These figures forcibly exhibit the violent contrasts in the wealth realized from mining industry in a season of flush times and high prices, and one of low prices and hard times. In the whole history of the iron trade, prices have never ruled quite so low as during the years 1877-78. The highest average price for any period during the last 35 years, obtained for pig iron, was \$59.25 in 1864. The lowest average was in 1878, ruling within a fraction of \$18 per ton, for No. 1 anthracite in Philadelphia. Tables, elsewhere given, show the price of Scotch pig in the New York market from 1825 to 1877. Scotch pig commands the highest price of any leading manufacture of crude iron, ruling generally from 20 to 25 per cent. higher than Pennsylvania iron. Taking the average price of the latter for thirty-five years past, would be somewhat deceptive. The following table gives the highest and lowest price of Pennsylvania pig iron each year in the Philadelphia market :

| | | | | | | | | | | | |
|---------|-----|-----|---------|-----|-----|---------|-----|-----|----------|-----|-----|
| 1844... | 24 | 28 | 1853... | 33½ | 37½ | 1862... | 20 | 31½ | 1871... | 30½ | 37½ |
| 1845... | 26½ | 34½ | 1854... | 35½ | 38 | 1863... | 31½ | 43½ | 1872... | 37 | 53½ |
| 1846... | 27 | 29 | 1855... | 26½ | 31½ | 1864... | 43½ | 73½ | 1873... | 32½ | 45½ |
| 1847... | 28 | 35½ | 1856... | 26 | 28 | 1865... | 35 | 58½ | 1874... | 24 | 32 |
| 1848... | 24½ | 31 | 1857... | 23½ | 27½ | 1866... | 41½ | 50½ | 1875... | 23½ | 37 |
| 1849... | 20 | 25 | 1858... | 21½ | 23½ | 1867... | 41 | 48½ | 1876... | 21½ | 23½ |
| 1850... | 20 | 21½ | 1859... | 22½ | 24½ | 1868... | 37 | 43½ | 1877... | 18 | 20½ |
| 1851... | 21 | 22 | 1860... | 22½ | 23 | 1869... | 39½ | 42 | 1878... | 16½ | 18½ |
| 1852... | 20½ | 28½ | 1861... | 18½ | 21½ | 1870... | 31½ | 36½ | (10 mo.) | | |

The cost of Pennsylvania pig iron, as stated by Mr. W. E. S. Baker, Secretary of the Eastern Iron Masters' Association, was as follows for each year from 1850 to 1875 inclusive :

| | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1850... | \$15.30 | 1857... | \$18.71 | 1864... | \$22.56 | 1870... | \$31.69 |
| 1851... | 14.35 | 1858... | 18.95 | 1865... | 33.82 | 1871... | 31.47 |
| 1852... | 15.49 | 1859... | 17.42 | 1866... | 29.52 | 1872... | 32.33 |
| 1853... | 16.10 | 1860... | 18.21 | 1867... | 29.68 | 1873... | 34.49 |
| 1854... | 17.37 | 1861... | 18.18 | 1868... | 27.93 | 1874... | 29.25 |
| 1855... | 20.16 | 1862... | 17.63 | 1869... | 23.54 | 1875... | 25.11 |
| 1856... | 19.26 | 1863... | 17.93 | | | | |

The average cost of the 26 years is put at \$23.15 per ton, divided thus : ore, 40 per cent ; coal, 25 per cent ; labor, 12 per cent ; limestone, 7 per cent ; interest, 6 per cent ; contingencies, 10 per cent.

Although the market price of this great staple has reached an un-

exampled depression, and more than half the furnaces, and many rolling mills, remain idle, with frequent failures and suspensions, the year was an eminently favorable one for the consumers of American iron, and the era of low prices has brought in an increase of consumption. The production of pig iron for 1877 exceeded that of 1876 by 221,349 tons, or about ten and one-half per cent, evincing a decided reaction from extreme depression; but still falling far short of the heavy products of 1872-73, in the midst of the railroad expansion era. The following table exhibits the statistics of pig iron production for six years, divided by States, and showing the number of furnaces working or out of blast in 1876 and 1877 respectively:

PRODUCTION OF PIG IRON IN THE SIX YEARS, 1872 TO 1877, BY STATES.

[Statistics collected from the manufacturers by The American Iron and Steel Association.]

| STATES. | Furnaces, Dec. 31. | Condition of Furnaces on De- cember 31. | | | | Make of Pig Iron in Tons of 2,000 pounds. | | | | | |
|----------------|-----------------------|---|-------------------|------------|-------------------|---|-----------|-----------|-----------|-----------|-----------|
| | | 1876. | | 1877. | | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
| | | In Bl't | Out of Bl't | In Bl't | Out of Bl't | | | | | | |
| Pennsylvania. | 278 | 113 | 166 | 131 | 147 | 1,401,497 | 1,389,573 | 1,213,133 | 960,884 | 1,009,613 | 1,153,356 |
| Ohio. | 107 | 38 | 62 | 49 | 58 | 399,743 | 406,029 | 425,001 | 415,833 | 403,277 | 400,398 |
| New York. | 59 | 23 | 34 | 24 | 35 | 291,155 | 296,818 | 326,721 | 266,431 | 181,620 | 230,442 |
| Michigan. | 32 | 7 | 27 | 9 | 23 | 109,222 | 123,506 | 136,662 | 114,805 | 95,177 | 82,216 |
| Missouri. | 18 | 6 | 13 | 2 | 16 | 101,158 | 85,552 | 75,817 | 59,717 | 68,223 | 73,565 |
| Illinois. | 12 | 3 | 9 | 2 | 10 | 78,627 | 55,796 | 37,946 | 49,762 | 54,168 | 61,353 |
| New Jersey. | 19 | 4 | 14 | 7 | 12 | 103,858 | 102,341 | 90,150 | 64,069 | 25,349 | 52,909 |
| Kentucky. | 22 | 4 | 19 | 7 | 15 | 67,396 | 69,889 | 61,227 | 48,339 | 34,686 | 47,607 |
| Alabama. | 13 | 5 | 8 | 7 | 6 | 12,512 | 22,233 | 32,863 | 25,108 | 24,732 | 41,241 |
| West Virginia. | 12 | 1 | 11 | 2 | 10 | 20,796 | 23,056 | 39,131 | 25,277 | 41,165 | 31,905 |
| Maryland. | 24 | 5 | 19 | 6 | 18 | 63,031 | 55,985 | 54,556 | 38,741 | 19,876 | 26,959 |
| Tennessee. | 22 | 5 | 19 | 6 | 16 | 42,454 | 43,134 | 43,770 | 28,911 | 24,685 | 25,949 |
| Wisconsin. | 15 | 5 | 9 | 4 | 11 | 65,036 | 74,148 | 50,792 | 62,139 | 51,261 | 22,205 |
| Indiana. | 8 | 3 | 6 | 1 | 7 | 39,221 | 32,486 | 13,732 | 22,081 | 14,547 | 15,490 |
| Connecticut. | 10 | 4 | 6 | 5 | 5 | 22,700 | 26,977 | 14,518 | 10,880 | 10,160 | 14,413 |
| Georgia. | 11 | 2 | 9 | 2 | 9 | 2,945 | 7,501 | 9,786 | 16,508 | 10,518 | 13,223 |
| Virginia. | 33 | 6 | 27 | 5 | 28 | 21,445 | 26,475 | 29,451 | 21,985 | 13,046 | 12,431 |
| Massachusetts. | 6 | 1 | 5 | | 6 | 17,070 | 21,136 | 27,991 | 21,255 | 5,040 | 2,904 |
| Maine. | 1 | 1 | | 1 | | | 730 | 1,661 | 2,046 | 3,002 | 1,960 |
| Texas. | 1 | | 1 | | 1 | 619 | 280 | 1,012 | | 426 | 525 |
| N. Carolina. | 7 | | 7 | | 7 | 1,073 | 1,432 | 1,340 | 800 | 400 | 325 |
| Vermont. | 2 | | 2 | | 2 | 2,000 | 3,100 | 3,450 | 2,400 | 550 | 210 |
| Oregon. | 1 | | 1 | | 1 | | | 2,500 | 1,000 | 1,750 | |
| Utah. | 3 | | 2 | | 3 | | | 200 | 150 | 65 | |
| Total. | 716 | 236 | 476 | 270 | 446 | 2,854,558 | 2,858,278 | 2,680,413 | 2,266,531 | 2,093,236 | 2,314,585 |

At the close of 1877 there were in twenty-five States and the Territory of Wyoming 338 rolling mills, containing 4,531 single puddling furnaces, each double furnace being counted at two single furnaces. There were also 51 single puddling furnaces connected with steel works and forges, the total number of puddling furnaces in the United States in 1877 being 4,582. Of the whole number of mills, 253 were in operation during the whole or a part of the year. Of the whole number, including those connected with Bessemer steel establishments, 99 were built to make rails—60 heavy and 39 light rails; and of these, 38 heavy and 17 light rail mills—55 in all—made rails in 1877. The rolling-mill capacity of the country, like its blast furnace capacity, is double the production of 1877.

A remarkable development has attended the introduction of Besse-

mer steel rails in this country, as in all others where that excellent and economical substitute for iron rails has been introduced. The following table shows in detail the production of iron and steel rails in this country since the beginning of the manufacture of Bessemer steel rails :

| Years. | Iron Rail's all kinds. Net tons. | Bessemer Steel Rails. Net tons. | Total. Net tons. | Years. | Iron Rails all kinds. Net tons. | Bessemer Steel Rails. Net tons. | Total. Net tons. |
|----------|--|---------------------------------------|---------------------|----------|---------------------------------------|---------------------------------------|---------------------|
| 1867 ... | 459,558 | 2,550 | 462,108 | 1873.... | 761,032 | 129,015 | 890,077 |
| 1868 ... | 490,499 | 7,225 | 506,714 | 1874 ... | 584,409 | 144,944 | 729,413 |
| 1869 ... | 533,986 | 9,650 | 593,586 | 1875.... | 501,649 | 290,863 | 792,512 |
| 1870 ... | 583,090 | 34,000 | 620,000 | 1876.... | 457,108 | 412,431 | 879,629 |
| 1871.... | 737,493 | 83,253 | 773,733 | 1877.... | 332,540 | 432,163 | 764,709 |
| 1872.... | 905,980 | 91,070 | 1,000,000 | | | | |

The above table exhibits the remarkable fact that steel rails are crowding out the old-fashioned iron material with great rapidity. It has been estimated abroad on trustworthy evidence that the replacement of track required on a railway worked to its full capacity is 70 per cent less when steel rails are used, than when iron is employed.

Of the railroad iron made in the United States in 1877, Pennsylvania made 45½ per cent ; Illinois, 16 per cent ; Ohio, 11 per cent ; Indiana, 4½ per cent ; New York, 4½ per cent ; and Missouri, 4 per cent ; twelve other States contributing small quotas to the aggregate product. The price of iron rails and Bessemer steel rails exhibits a similar decline to that of pig iron. American iron rails were sold in Philadelphia in 1872 at the average price of \$85 per ton. In 1877 the average was \$35.25 per ton. The price of Bessemer steel rails is seen in the following yearly average :

| Years. | Yearly average. | Years. | Yearly average. | Years. | Yearly average. | Years. | Yearly average. | Years. | Yearly average. |
|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|--------|--------------------|
| 1868.. | 158¼ | 1870.. | 106¼ | 1872.. | 112 | 1874.. | 94¼ | 1876.. | 59¼ |
| 1869.. | 133¼ | 1871.. | 102¼ | 1873.. | 120¼ | 1875.. | 68¼ | 1877.. | 45¼ |

The statistics of American importation and exportation of pig iron and of manufactured iron and steel, from 1821 to 1878, will be found on another page.

The annual production of iron ore in the United States cannot be given, no statistics existing from which it can be made up. The Lake Superior iron region is the only one which furnishes annual reports of production. This is greatly to be regretted. Pennsylvania, Ohio, and Missouri, and other States, should provide by law for the collection of full statistics of their mining industries.

If we turn from the United States to Europe, the annals of the iron industry exhibit almost precisely the same statistics of decline in prices that have attended it in this country. Hunt's Mineral Statistics of the United Kingdom states that of 974 blast furnaces in the iron producing districts in 1877, only 489 were actually in blast, or about one-half. This, we have seen already, is the situation, though in a somewhat larger ratio of inactivity, in the United States. The average price of Scotch pig iron, with the production for fifteen years past, both of coal and iron, is shown in the following table from the Statistical Abstract of the United Kingdom for 1878 :

BRITISH PRODUCTION OF COAL AND IRON—1863-1877.

| YEARS. | COAL. | | PIG IRON. | | |
|------------|-------------|-------------------------------|-----------|-------------------------------|----------------|
| | | Value at place of production. | | Value at place of production. | Average price. |
| | Tons. | £ | Tons. | £ | s. d. |
| 1863. | 86,292,215 | 21,573,053 | 4,510,090 | 11,275,100 | .... |
| 1864. | 92,787,873 | 23,197,968 | 4,767,951 | 11,919,877 | .... |
| 1865. | 96,150,587 | 24,537,646 | 4,819,254 | 12,048,133 | .... |
| 1866. | 101,630,544 | 25,407,635 | 4,523,897 | 11,309,749 | .... |
| 1867. | 104,500,480 | 26,125,145 | 4,761,023 | 11,902,557 | 52 6 |
| 1868. | 103,141,157 | 25,785,289 | 4,970,206 | 12,381,280 | 52 9 |
| 1869. | 107,427,557 | 26,856,880 | 5,445,757 | 13,614,397 | 53 8 |
| 1870. | 110,431,192 | 27,607,798 | 5,963,515 | 14,908,787 | 54 4 |
| 1871. | 117,352,028 | 35,205,608 | 6,027,179 | 16,667,947 | 59 0 |
| 1872. | 123,497,316 | 46,311,143 | 6,741,929 | 18,540,804 | 101 10 |
| 1873. | 127,016,747 | 47,631,280 | 6,566,451 | 18,057,739 | 117 3 |
| 1874. | 125,043,257 | 45,849,194 | 5,991,408 | 16,476,873 | 87 6 |
| 1875. | 131,867,105 | 46,163,486 | 6,365,462 | 15,645,774 | 65 9 |
| 1876. | 133,344,766 | 46,670,668 | 6,555,997 | 16,062,192 | 58 6 |
| 1877. | 139,179,968 | ..... | 6,800,000 | 14,490,000 | 54 4 |

The actual cost of Scotch pig at the pit's mouth has been stated to be as low as £1 19s., or about \$9.50 a ton. The cost, however, of this, as of all other manufactures, must vary continually with the change in all the elements of labor, machinery, interest of capital, freight, etc., which go to make up the cost of production and transportation to market. The heavy decline of the price of iron and its numerous products may be seen in the following figures showing the exports of British iron and steel manufactures from 1871 to 1877 :

| | | | |
|------------|-------------|------------|-------------|
| 1871. | £36,124,134 | 1875. | £25,747,271 |
| 1872. | 35,993,167 | 1876. | 20,737,410 |
| 1873. | 37,731,239 | 1877. | 20,094,563 |
| 1874. | 31,180,256 | | |

A steady decline in quantities has occurred since 1872, with the exception of a slight increase in 1877, when, though the export in tons was increased, the value was largely lessened. A large decline in values has yearly taken place since 1873.

Of the iron and steel exported from England in 1877, Germany took 285,000 tons, British India 229,000, Holland 222,000, Australia, 216,000, the United States 168,000, France 123,000, and British North America, 119,500, and other countries lesser amounts. The Bessemer steel trade of England and Wales is constantly increasing, while prices have steadily declined. The maximum price for steel rails of £15 10s. per ton, the average of 1873, has given place to the minimum of £5 15s. per ton, which has been rather above than below the average price for 1878. The trade in iron rails is slowly dying out. Germany is a great consumer of foreign iron and steel, as well as a large manufacturer on its own account. The production of pig iron in Germany has averaged something less than two million tons per annum since 1872, while the total value of iron and steel products in Germany in 1873 was placed at 568,647,247 marks, or about 142 million dollars. Only three out of twenty leading German iron works paid dividends in 1876. In France the production of pig iron was,

in 1877, 1,350,393 tons, being a decline of about five per cent, compared with the three preceding years. The consumption of iron and steel rails in France shows the following proportions from 1872 to 1877, and exhibits the same revolution in the relative use of the two materials for railways, that has taken place in this country. But the change from iron to steel has been much more rapid and complete in France :

| Years. | Iron. | Steel. | Years. | Iron. | Steel. |
|-----------|---------|---------|-----------|--------|---------|
| 1872..... | 101,686 | 52,191 | 1875..... | 96,889 | 120,660 |
| 1873..... | 124,717 | 61,037 | 1876..... | 57,935 | 130,681 |
| 1874..... | 125,667 | 102,227 | 1877..... | 43,883 | 136,549 |

There were opened in France 423 miles of new railway in 1877. "Bessemer steel rails," says the report of the American Iron and Steel Association, "cannot be made at a profit in France, for less than £8 or \$40 a ton, yet the ruling price in England shows that France might import steel rails at less than £6 a ton, if not excluded by protective duties." "The French tariff," says the report, "has, in the past year, saved the Bessemer steel industry in France from foreign competition, which it would have been powerless to resist."

THE WORLD'S PRODUCTION OF COAL, IRON, AND STEEL.

[From the Annual Report of the Secretary of the American Iron and Steel Association, for 1873, with additions from The Coal Trade, by F. E. Seward, 1878, etc.]

| COUNTRIES. | Coal area in square mils. | 1. MINERAL COAL. | | 2. CAST OR PIG IRON. | | 3. STEEL. |
|----------------------|---------------------------------|------------------|-----------------------|----------------------|-----------------------|-----------------------|
| | | Years. | Tons of 2,240 lbs. | Years. | Tons of 2,240 lbs. | Tons of 2,240 lbs. |
| Great Britain..... | 11,900 | 1877 | 134,179,968 | 1877 | 6,300,000 | 1,000,000 |
| United States *..... | 192,000 | 1877 | 50,000,090 | 1877 | 2,066,594 | 570,000 |
| Germany..... | 1,770 | 1877 | 48,337,950 | 1877 | 1,566,600 | 370,000 |
| France..... | 2,086 | 1876 | 16,773,779 | 1877 | 1,322,869 | 250,000 |
| Belgium..... | 510 | 1876 | 14,099,281 | 1877 | 418,366 | 75,000 |
| Austria-Hungary.... | 1,800 | 1875 | 12,852,048 | 1876 | 472,285 | 75,000 |
| China..... | ..... | 1877 | 3,000,000 | ..... | ..... | ..... |
| Russia..... | 30,000 | 1875 | 1,152,830 | 1875 | 420,484 | 15,000 |
| Australasia..... | ..... | 1875 | 1,253,000 | ..... | 10,000 | ..... |
| Canada..... | ..... | 1877 | 1,000,000 | 1876 | 7,500 | ..... |
| Sweden..... | ..... | ..... | ..... | 1876 | 346,955 | 25,000 |
| Luxemburg..... | ..... | ..... | ..... | 1877 | 250,000 | ..... |
| Spain..... | 3,500 | 1877 | 500,000 | 1872 | 73,000 | ..... |
| India..... | 2,000 | 1875 | 500,000 | ..... | ..... | ..... |
| Turkey..... | ..... | ..... | 150,000 | ..... | 40,000 | ..... |
| Italy..... | ..... | 1874 | 182,500 | ..... | 25,000 | ..... |
| Switzerland..... | ..... | ..... | ..... | 1872 | 7,500 | ..... |
| Mexico..... | ..... | ..... | ..... | 1876 | 7,500 | ..... |
| Japan..... | 5,000 | 1874 | 390,000 | 1877 | 10,000 | ..... |
| Norway..... | ..... | ..... | ..... | 1870 | 8,975 | ..... |
| All other countries. | ..... | ..... | 1,000,000 | ..... | 10,000 | 20,000 |
| Total..... | ..... | ..... | 235,968,376 | ..... | 13,358,628 | 2,400,000 |

* Other estimates make the coal fields of the United States, reckoning the Permian and tertiary coals, to embrace an area of over 600,000 square mile. But all estimates of their extent are as yet conjectural, and a very large portion of their actual area contains no workable coal.

STATEMENT OF MILES OF RAILROAD IN EACH STATE AND TERRITORY FROM 1868 TO JANUARY 1, 1878.

From Poor's Manual of the Railroads of the United States, 1878-79.

| Miles of R.R. in .. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 Alabama..... | 953 | 916 | 1,157 | 1,496 | 1,628 | 1,722 | 1,722 | 1,732 | 1,738 | 1,802 |
| 2 Arkansas..... | 86 | 128 | 256 | 253 | 450 | 700 | 700 | 740 | 788 | 767 |
| 3 California..... | 468 | 702 | 925 | 1,013 | 1,042 | 1,208 | 1,328 | 1,508 | 1,919 | 2,080 |
| 4 Colorado..... | | | 157 | 328 | 483 | 603 | 682 | 807 | 957 | 1,045 |
| 5 Connecticut..... | 637 | 692 | 742 | 820 | 868 | 897 | 897 | 918 | 918 | 922 |
| 6 Dakota..... | | | | 65 | 234 | 275 | 275 | 275 | 275 | 290 |
| 7 Delaware..... | 165 | 210 | 224 | 227 | 254 | 264 | 280 | 285 | 285 | 272 |
| 8 Florida..... | 437 | 446 | 446 | 466 | 466 | 466 | 484 | 484 | 484 | 475 |
| 9 Georgia..... | 1,575 | 1,652 | 1,845 | 2,108 | 2,160 | 2,260 | 2,260 | 2,264 | 2,306 | 2,339 |
| 10 Illinois..... | 3,440 | 4,031 | 4,823 | 5,904 | 6,361 | 6,589 | 6,759 | 7,109 | 7,285 | 7,392 |
| 11 Indiana..... | 2,600 | 2,863 | 3,177 | 3,529 | 3,649 | 3,714 | 3,890 | 3,963 | 4,003 | 4,057 |
| 12 Indian Territory..... | | | | 92 | 279 | 279 | 279 | 279 | 279 | 275 |
| 13 Iowa..... | 1,523 | 2,095 | 2,683 | 3,160 | 3,643 | 3,728 | 3,765 | 3,850 | 3,939 | 4,134 |
| 14 Kansas..... | 648 | 931 | 1,501 | 1,760 | 2,063 | 2,100 | 2,150 | 2,150 | 2,238 | 2,352 |
| 15 Kentucky..... | 813 | 852 | 1,017 | 1,123 | 1,266 | 1,320 | 1,326 | 1,326 | 1,475 | 1,509 |
| 16 Louisiana..... | 335 | 375 | 479 | 539 | 539 | 539 | 539 | 539 | 539 | 495 |
| 17 Maine..... | 560 | 580 | 786 | 871 | 871 | 905 | 957 | 980 | 1,000 | 997 |
| 18 Maryland and D.C..... | 535 | 588 | 671 | 820 | 1,012 | 1,046 | 1,060 | 1,077 | 1,107 | 944 |
| 19 Massachusetts..... | 1,425 | 1,430 | 1,480 | 1,606 | 1,658 | 1,755 | 1,786 | 1,817 | 1,837 | 1,863 |
| 20 Michigan..... | 1,199 | 1,325 | 1,638 | 2,116 | 2,976 | 3,253 | 3,315 | 3,346 | 3,395 | 3,477 |
| 21 Minnesota..... | 572 | 795 | 1,092 | 1,612 | 1,906 | 1,950 | 1,990 | 1,990 | 2,020 | 2,194 |
| 22 Mississippi..... | 898 | 990 | 990 | 990 | 990 | 990 | 1,018 | 1,018 | 1,044 | 1,088 |
| 23 Missouri..... | 1,354 | 1,712 | 2,000 | 2,580 | 2,673 | 2,858 | 2,880 | 2,905 | 3,146 | 3,198 |
| 24 Nebraska..... | 473 | 473 | 705 | 943 | 1,051 | 1,107 | 1,107 | 1,127 | 1,150 | 1,286 |
| 25 Nevada..... | 402 | 402 | 593 | 593 | 611 | 629 | 650 | 650 | 680 | 631 |
| 26 New Hampshire..... | 667 | 702 | 736 | 790 | 810 | 877 | 918 | 934 | 940 | 964 |
| 27 New Jersey..... | 973 | 1,011 | 1,125 | 1,265 | 1,378 | 1,418 | 1,438 | 1,511 | 1,601 | 1,661 |
| 28 New York..... | 3,329 | 3,658 | 3,928 | 4,470 | 4,925 | 5,165 | 5,250 | 5,423 | 5,525 | 5,725 |
| 29 North Carolina..... | 1,097 | 1,130 | 1,178 | 1,190 | 1,250 | 1,265 | 1,315 | 1,328 | 1,570 | 1,426 |
| 30 Ohio..... | 3,398 | 3,448 | 3,538 | 3,740 | 4,103 | 4,258 | 4,398 | 4,461 | 4,687 | 4,878 |
| 31 Oregon..... | 19 | 60 | 159 | 241 | 241 | 251 | 251 | 251 | 251 | 248 |
| 32 Pennsylvania..... | 4,393 | 4,598 | 4,656 | 5,113 | 5,369 | 5,556 | 5,687 | 5,868 | 5,983 | 5,923 |
| 33 Rhode Island..... | 125 | 125 | 136 | 136 | 136 | 159 | 173 | 179 | 189 | 204 |
| 34 South Carolina..... | 1,076 | 1,101 | 1,139 | 1,201 | 1,290 | 1,320 | 1,320 | 1,335 | 1,353 | 1,406 |
| 35 Tennessee..... | 1,436 | 1,451 | 1,492 | 1,520 | 1,520 | 1,620 | 1,630 | 1,630 | 1,645 | 1,656 |
| 36 Texas..... | 513 | 583 | 711 | 865 | 1,078 | 1,578 | 1,650 | 1,685 | 2,085 | 2,210 |
| 37 Utah..... | | 257 | 257 | 257 | 349 | 372 | 459 | 515 | 515 | 506 |
| 38 Vermont..... | 605 | 614 | 614 | 675 | 710 | 721 | 778 | 810 | 810 | 872 |
| 39 Virginia..... | 1,464 | 1,483 | 1,486 | 1,490 | 1,537 | 1,573 | 1,638 | 1,638 | 1,649 | 1,635 |
| 40 Washington Terr..... | | | | 25 | 65 | 105 | 110 | 110 | 110 | 197 |
| 41 West Virginia..... | 365 | 337 | 387 | 485 | 561 | 576 | 576 | 576 | 584 | 638 |
| 42 Wisconsin..... | 1,235 | 1,512 | 1,525 | 1,725 | 1,878 | 2,360 | 2,546 | 2,566 | 2,707 | 2,701 |
| 43 Wyoming..... | 447 | 447 | 459 | 459 | 459 | 459 | 459 | 459 | 459 | 465 |

RECAPITULATION.

| STATE. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| New England States..... | 4,019 | 4,301 | 4,494 | 4,898 | 5,053 | 5,344 | 5,509 | 5,638 | 5,694 | 5,822 |
| Middle States..... | 9,765 | 10,752 | 10,991 | 12,360 | 13,499 | 14,019 | 14,391 | 14,740 | 15,085 | 15,166 |
| Western States..... | 16,889 | 19,884 | 23,540 | 28,269 | 32,112 | 33,905 | 34,954 | 35,802 | 37,055 | 41,224 |
| Southern States..... | 10,683 | 11,107 | 12,196 | 13,246 | 14,112 | 15,353 | 15,602 | 15,919 | 16,676 | 18,840 |
| Pacific States..... | 889 | 1,164 | 1,677 | 1,765 | 1,959 | 2,198 | 2,339 | 2,514 | 2,980 | 3,156 |
| Grand Total ... | 42,255 | 47,208 | 52,898 | 60,563 | 66,735 | 70,784 | 72,695 | 74,613 | 77,470 | 79,203 |

NOTE.—The slightly decreased mileage in some States in 1877 is due to corrections of former statements.

TABLE SHOWING THE MILEAGE, CAPITAL, COST, AND REVENUE OF ALL THE RAILROADS OF THE UNITED STATES FOR 1877.

[From Poor's Manual of the Railroads of the United States for 1878-79.]

| States. | Length of line. | Sidings, double track, etc. | CAPITAL ACCOUNT. | | | |
|---------------------|-----------------|-----------------------------|------------------|--------------|-------------|---------------|
| | | | Capital stock. | Funded debt. | Other debt. | Total amount. |
| | Miles. | Miles. | \$ | \$ | \$ | \$ |
| 1 Alabama..... | 2,399.20 | 161.04 | 41,925,093 | 47,927,451 | 4,357,479 | 94,210,023 |
| 2 Arkansas..... | 474.00 | 13.70 | 3,502,900 | 7,650,000 | 276,528 | 16,429,428 |
| 3 California..... | 1,375.46 | 116.48 | 56,473,384 | 38,045,000 | 8,975,891 | 103,494,275 |
| 4 Colorado..... | 843.26 | 31.43 | 17,590,300 | 14,800,500 | 508,864 | 32,899,664 |
| 5 Connecticut.... | 1,019.70 | 312.91 | 38,225,047 | 15,694,000 | 2,915,187 | 56,834,234 |
| 6 Dakota..... | 295.50 | 11.00 | 6,279,933 | 1,489,950 | 206,394 | 7,976,277 |
| 7 Delaware..... | 109.12 | 18.43 | 2,659,019 | 1,853,700 | 265,362 | 4,778,081 |
| 8 Florida..... | 459.20 | 24.65 | 10,310,000 | 6,082,000 | 560,960 | 16,952,960 |
| 9 Georgia..... | 2,368.42 | 147.50 | 39,063,596 | 23,942,500 | 1,297,004 | 64,303,100 |
| 10 Illinois..... | 9,027.37 | 1,668.54 | 237,298,428 | 202,670,143 | 24,511,202 | 464,479,773 |
| 11 Indiana..... | 3,704.90 | 486.22 | 79,786,786 | 89,900,124 | 15,312,792 | 184,999,702 |
| 12 Iowa..... | 2,527.99 | 191.38 | 55,548,207 | 37,491,500 | 3,312,925 | 96,352,632 |
| 13 Kansas..... | 2,283.44 | 175.24 | 36,484,950 | 70,333,100 | 3,471,724 | 110,289,774 |
| 14 Kentucky..... | 1,528.92 | 193.86 | 40,717,372 | 27,499,730 | 2,108,344 | 70,325,446 |
| 15 Louisiana..... | 901.75 | 80.82 | 22,504,825 | 13,293,500 | 259,000 | 36,057,325 |
| 16 Maine..... | 1,006.88 | 126.92 | 16,138,104 | 24,215,111 | 1,867,917 | 42,221,132 |
| 17 Maryland & D. C. | 1,187.81 | 738.86 | 44,774,242 | 72,541,837 | 2,410,837 | 119,726,966 |
| 18 Massachusetts... | 2,010.57 | 1,107.39 | 109,819,748 | 42,681,334 | 12,534,326 | 165,035,406 |
| 19 Michigan..... | 2,299.99 | 579.27 | 56,582,543 | 84,927,657 | 14,971,349 | 156,481,549 |
| 20 Minnesota..... | 2,108.32 | 136.31 | 39,813,171 | 35,141,580 | 2,360,903 | 77,215,654 |
| 21 Mississippi..... | 324.50 | 21.25 | 3,512,708 | 5,804,714 | 187,136 | 9,544,558 |
| 22 Missouri..... | 4,352.24 | 557.02 | 121,736,741 | 125,097,217 | 5,425,402 | 252,259,360 |
| 23 Nebraska..... | 736.98 | 61.23 | 14,188,278 | 18,788,237 | 1,143,901 | 34,120,416 |
| 24 Nevada..... | 189.75 | 57.00 | 2,500,000 | 2,500,000 | 280,000 | 5,280,000 |
| 25 New Hampshire... | 798.77 | 141.36 | 16,763,420 | 6,279,077 | 523,081 | 23,565,578 |
| 26 New Jersey..... | 1,699.15 | 1,040.34 | 89,069,491 | 104,172,500 | 3,022,993 | 196,264,984 |
| 27 New York..... | 5,684.63 | 3,301.23 | 274,189,476 | 203,236,912 | 21,858,460 | 499,284,848 |
| 28 North Carolina.. | 1,216.55 | 60.18 | 17,622,683 | 12,057,224 | 1,419,271 | 31,099,173 |
| 29 Ohio..... | 5,795.31 | 1,932.10 | 215,488,709 | 196,584,954 | 22,476,043 | 434,549,706 |
| 30 Oregon..... | 247.50 | 9.39 | ..... | 11,250,000 | 1,000,000 | 12,250,000 |
| 31 Pennsylvania.... | 5,541.07 | 3,229.87 | 297,569,367 | 324,272,834 | 36,913,194 | 658,755,395 |
| 32 Rhode Island... | 138.19 | 59.56 | 4,573,393 | 2,479,500 | 228,762 | 7,281,655 |
| 33 South Carolina.. | 1,483.80 | 95.49 | 21,105,388 | 16,697,462 | 2,434,720 | 40,237,570 |
| 34 Tennessee..... | 1,058.58 | 92.80 | 16,418,770 | 15,334,100 | 2,221,061 | 33,973,931 |
| 35 Texas..... | 2,096.71 | 143.09 | 26,891,333 | 56,315,991 | 5,466,775 | 88,674,099 |
| 36 Utah..... | 288.25 | 30.16 | 5,505,000 | 5,670,000 | 156,000 | 11,331,000 |
| 37 Vermont..... | 776.71 | 195.44 | 23,832,964 | 20,570,400 | 3,662,942 | 48,116,306 |
| 38 Virginia..... | 1,883.20 | 183.71 | 44,453,852 | 53,301,517 | 8,245,336 | 106,000,695 |
| 39 Washington.... | 191.00 | 8.82 | 3,758,150 | 379,800 | 371,269 | 4,509,219 |
| 40 West Virginia... | 147.70 | 28.80 | 6,214,285 | 555,000 | 2,688,663 | 9,457,948 |
| 41 Wisconsin..... | 2,901.74 | 276.16 | 58,357,542 | 58,329,252 | 3,884,735 | 119,571,529 |
| Union Pac. R. R. | 1,042.40 | 110.00 | 36,762,300 | 78,062,512 | 1,000,000 | 115,824,812 |
| Cent'l Pac. R. R. | 1,203.35 | 169.44 | 54,275,500 | 82,740,680 | 11,598,820 | 148,615,000 |

Recapitulation by Groups of States.

| New England..... | 5,750.32 | 1,943.56 | 209,402,676 | 111,919,422 | 21,732,215 | 343,054,313 |
|----------------------|-----------|-----------|---------------|---------------|-------------|---------------|
| Middle..... | 14,459.43 | 8,302.43 | 706,201,195 | 702,755,833 | 64,482,069 | 1,473,441,097 |
| Southern..... | 13,744.09 | 1,090.10 | 263,848,572 | 222,495,198 | 25,773,973 | 512,128,743 |
| Western & S. West. | 40,742.73 | 6,262.69 | 974,549,821 | 990,590,205 | 102,229,537 | 2,076,369,563 |
| Pacific..... | 2,265.96 | 221.85 | 68,236,534 | 57,844,800 | 10,783,160 | 136,864,494 |
| | 76,962.60 | 17,820.65 | 2,222,240,798 | 2,094,515,458 | 225,005,954 | 4,541,762,310 |
| Pacific Railroads... | 2,245.73 | 279.44 | 91,037,800 | 160,808,192 | 12,598,580 | 264,439,512 |
| United States..... | 79,208.35 | 18,000.49 | 2,313,278,598 | 2,255,318,650 | 237,604,774 | 4,806,202,022 |

TABLE SHOWING THE MILEAGE, CAPITAL, COST, AND REVENUE OF ALL THE RAILROADS OF THE UNITED STATES FOR 1877—(Concluded).

[From Poor's Manual of the Railroads of the United States for 1878-79.]

| States. | Cost of railroad and equipment. | REVENUE ACCOUNT. | | | Interest paid on bonds. | Dividend paid on stock. |
|------------------------|---------------------------------|------------------|-------------------|---------------|-------------------------|-------------------------|
| | | Gross earnings. | Working expenses. | Net earnings. | | |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| 1 Alabama..... | 88,729,645 | 5,903,907 | 4,509,758 | 1,394,149 | 958,678 | 75,563 |
| 2 Arkansas..... | 16,429,428 | 463,104 | 368,136 | 194,968 | ..... | ..... |
| 3 California..... | 99,545,256 | 5,770,151 | 4,127,851 | 1,642,300 | 2,635,712 | ..... |
| 4 Colorado..... | 32,035,150 | 1,064,223 | 635,178 | 429,045 | 245,823 | ..... |
| 5 Connecticut..... | 55,393,077 | 9,241,186 | 5,665,476 | 3,575,710 | 830,820 | 2,599,937 |
| 6 Dakota..... | 7,976,277 | 485,001 | 332,708 | 152,293 | 117,796 | ..... |
| 7 Delaware..... | 4,716,907 | 533,835 | 373,417 | 160,418 | 69,000 | 85,812 |
| 8 Florida..... | 17,420,000 | ..... | ..... | ..... | ..... | ..... |
| 9 Georgia..... | 53,441,632 | 6,561,680 | 4,195,256 | 2,366,324 | 569,011 | 1,263,750 |
| 10 Illinois..... | 447,549,804 | 16,830,000 | 34,738,479 | 22,001,581 | 9,578,195 | 7,408,265 |
| 11 Indiana..... | 163,736,695 | 15,721,638 | 12,157,241 | 3,564,398 | 3,119,678 | 344,603 |
| 12 Iowa..... | 95,447,233 | 5,630,443 | 4,373,493 | 1,256,950 | 1,411,063 | 556,223 |
| 13 Kansas..... | 97,676,358 | 8,071,888 | 4,957,968 | 3,113,920 | 2,207,329 | ..... |
| 14 Kentucky..... | 65,018,725 | 6,675,620 | 3,962,081 | 2,713,539 | 1,274,063 | 553,276 |
| 15 Louisiana..... | 36,427,325 | 3,854,855 | 3,216,379 | 638,476 | 3,200 | ..... |
| 16 Maine..... | 42,383,021 | 3,548,472 | 2,855,549 | 692,923 | 939,789 | 437,820 |
| 17 Maryland & D. C. | 92,210,861 | 14,077,624 | 8,643,614 | 5,434,010 | 3,482,039 | 1,373,376 |
| 18 Massachusetts..... | 145,177,805 | 23,510,562 | 16,315,754 | 7,194,808 | 2,718,178 | 3,213,891 |
| 19 Michigan..... | 138,971,992 | 14,183,492 | 10,632,258 | 3,551,234 | 3,334,272 | 205,912 |
| 20 Minnesota..... | 76,607,048 | 4,446,050 | 3,223,955 | 1,222,095 | 875,881 | 178,146 |
| 21 Mississippi..... | 7,561,581 | 909,851 | 563,067 | 346,784 | 253,436 | ..... |
| 22 Missouri..... | 231,907,771 | 20,375,459 | 12,421,345 | 7,954,114 | 4,551,372 | ..... |
| 23 Nebraska..... | 24,681,784 | 1,530,368 | 1,012,998 | 517,370 | 365,316 | ..... |
| 24 Nevada..... | 5,280,000 | ..... | ..... | ..... | 175,000 | ..... |
| 25 New Hampshire..... | 23,055,005 | 3,054,851 | 2,206,067 | 748,166 | 252,467 | 695,078 |
| 26 New Jersey..... | 162,795,016 | 21,666,176 | 13,687,238 | 7,978,938 | 4,485,146 | 3,854,794 |
| 27 New York..... | 421,622,317 | 56,008,809 | 36,543,812 | 19,464,997 | 10,148,551 | 10,088,318 |
| 28 North Carolina..... | 32,234,041 | 1,801,724 | 1,226,507 | 575,217 | 291,385 | 341,661 |
| 29 Ohio..... | 378,457,413 | 44,477,847 | 30,025,738 | 14,452,109 | 8,599,523 | 5,083,706 |
| 30 Oregon..... | 6,080,726 | 867,234 | 463,223 | 404,011 | 402,827 | ..... |
| 31 Pennsylvania..... | 403,381,505 | 63,019,839 | 35,140,781 | 27,879,058 | 19,031,761 | 9,471,820 |
| 32 Rhode Island..... | 6,930,423 | 1,195,706 | 777,090 | 418,616 | 151,353 | 331,000 |
| 33 South Carolina..... | 38,095,237 | 3,464,790 | 2,274,215 | 1,190,575 | 947,057 | 108,707 |
| 34 Tennessee..... | 36,893,432 | 3,616,690 | 2,223,072 | 1,393,618 | 897,014 | 294,586 |
| 35 Texas..... | 82,842,915 | 8,090,914 | 5,278,845 | 3,412,069 | 2,556,777 | ..... |
| 36 Utah..... | 11,347,677 | 1,000,454 | 443,425 | 566,029 | 214,104 | 240,099 |
| 37 Vermont..... | 40,323,854 | 4,039,688 | 2,934,183 | 1,105,505 | 493,786 | ..... |
| 38 Virginia..... | 92,629,206 | 7,023,241 | 4,977,637 | 2,045,604 | 1,103,431 | 103,250 |
| 39 Washington..... | 4,146,216 | 120,083 | 77,286 | 42,797 | ..... | ..... |
| 40 West Virginia..... | 9,777,516 | 636,838 | 520,770 | 116,068 | ..... | 16,360 |
| 41 Wisconsin..... | 113,552,034 | 11,284,029 | 7,060,932 | 4,173,097 | 2,791,771 | 429,607 |
| Union Pac. R. R. | 118,198,755 | 12,948,476 | 5,552,092 | 7,396,384 | 3,484,765 | 2,989,600 |
| Cent'l Pac. R. R. | 145,309,575 | 19,221,606 | 11,564,408 | 7,657,198 | 3,446,068 | 4,342,040 |

Recapitulation by Groups of States.

| New England..... | 813,233,185 | 44,590,465 | 30,854,719 | 13,735,746 | 5,426,393 | 6,977,726 |
|---------------------|---------------|-------------|-------------|-------------|------------|------------|
| Middle..... | 1,084,630,055 | 154,728,091 | 94,031,516 | 60,998,575 | 26,993,957 | 24,734,223 |
| Southern..... | 434,223,830 | 40,440,196 | 27,668,782 | 12,780,414 | 6,297,305 | 2,757,153 |
| Western & S. West. | 1,906,871,952 | 193,204,516 | 127,119,273 | 68,085,243 | 39,754,796 | 14,556,462 |
| Pacific..... | 126,699,875 | 7,766,922 | 5,111,785 | 2,655,137 | 3,427,643 | 249,099 |
| | 3,915,683,897 | 440,733,190 | 284,786,075 | 155,953,115 | 91,890,694 | 51,274,672 |
| Pacific Railroads.. | 264,508,330 | 32,170,082 | 17,146,500 | 15,023,582 | 6,930,833 | 7,281,640 |
| United States..... | 4,180,191,727 | 472,903,272 | 301,932,575 | 170,976,697 | 98,820,927 | 58,556,312 |

COMPARATIVE STATISTICS OF AMERICAN RAILWAYS— 1871-1877.

[From Poor's Manual of the Railroads of the United States, 1878.]

| YEAR | Miles Operated. | Capital and Funded Debt. | EARNINGS. | | | | Dividends Paid. |
|-------|-----------------|--------------------------|-------------|-------------|---------------|-----------------|-----------------|
| | | | Gross. | Net. | From Freight. | From Passengers | |
| | | \$ | \$ | \$ | \$ | \$ | \$ |
| 1871. | 44,614 | 2,664,637,645 | 403,323,203 | 141,746,404 | 294,430,322 | 103,898,886 | 53,456,681 |
| 1872. | 57,523 | 3,159,423,057 | 465,241,055 | 165,754,373 | 340,931,785 | 132,309,270 | 64,418,157 |
| 1873. | 66,237 | 3,794,543,034 | 526,419,935 | 183,810,562 | 389,035,508 | 137,384,427 | 67,120,709 |
| 1874. | 69,273 | 4,221,763,594 | 520,466,016 | 189,570,958 | 379,466,935 | 140,999,061 | 67,042,942 |
| 1875. | 71,759 | 4,415,631,690 | 503,065,505 | 185,506,438 | 363,960,284 | 139,105,271 | 74,294,206 |
| 1876. | 73,508 | 4,468,591,935 | 497,257,959 | 186,452,752 | 361,137,376 | 136,120,563 | 68,069,668 |
| 1877. | 74,112 | 4,568,597,248 | 472,909,272 | 170,976,697 | 342,859,222 | 130,050,050 | 58,566,313 |

NOTE.—No comprehensive figures of the business of the railways in the United States are attainable prior to the above. And even these tables are the fruit of private enterprise, in compiling from the official annual reports of each road the results of the traffic as shown above. No department of the Federal Government has been clothed with authority to require returns of railway operations, nor are there State officers charged with such duties except in a very few of the States.

SUMMARY STATISTICS OF RAILWAYS IN 1877.

For each 100 miles of railroad in the United States there are 22.8 miles of second track, sidings, etc.; 20.1 locomotives; 15.2 passenger cars; 4.7 baggage, mail, and express cars, and 495.3 freight cars of all kinds.

The capital stock aggregates to each 100 miles, \$2,921,507.

Funded debt to each 100 miles, \$2,848,308.

Floating debt to each 100 miles, \$300,078.

Total cost of construction and equipment, each 100 miles, \$6,069,893; equal to about \$60,699 per mile of completed road.

Gross earnings per mile, \$6,380.94.

Operating expenses per mile, \$4,074.

Net earnings per mile, \$2,306.94.

Interest paid on bonds per mile, \$1,248.04.

Dividends paid on stock per mile, \$739.52.

Ratio of interest paid to total funded debt, 4.39 per cent.

Ratio of dividends to aggregate capital stock, 2.63 per cent.

In 1871, with only two-thirds as many miles of railroad in operation, and a little more than one-half the capital stock, the dividends aggregated \$56,456,681, equaling 4.19 per cent of the capital then invested.

Statement showing the Number of Miles of Railroad constructed each Year in the United States, from 1830 to the close of 1877, inclusive.

[From Poor's Railroad Manual for 1878-79.]

| Year. | Miles in Operation. | Annual Increase of Mileage. | Year. | Miles in Operation. | Annual Increase of Mileage. | Year. | Miles in Operation. | Annual Increase of Mileage. |
|----------|---------------------|-----------------------------|----------|---------------------|-----------------------------|--------|---------------------|-----------------------------|
| 1830... | 23 | ..... | 1846.... | 4,930 | 297 | 1862.. | 32,120 | 834 |
| 1831.... | 95 | 72 | 1847.... | 5,598 | 668 | 1863.. | 33,170 | 1,050 |
| 1832.... | 229 | 134 | 1848.... | 5,996 | 393 | 1864.. | 33,906 | 738 |
| 1833.... | 380 | 151 | 1849.... | 7,365 | 1,369 | 1865.. | 35,065 | 1,177 |
| 1834.... | 638 | 258 | 1850.... | 9,021 | 1,656 | 1866.. | 36,801 | 1,716 |
| 1835.... | 1,098 | 465 | 1851.... | 10,983 | 1,961 | 1867.. | 39,250 | 2,449 |
| 1836.... | 1,273 | 175 | 1852.... | 12,906 | 1,926 | 1868.. | 42,229 | 2,979 |
| 1837.... | 1,497 | 224 | 1853.... | 15,360 | 2,452 | 1869.. | 46,844 | 4,615 |
| 1838.... | 1,913 | 416 | 1854.... | 16,730 | 1,369 | 1870.. | 52,914 | 6,070 |
| 1839.... | 2,302 | 389 | 1855.... | 18,374 | 1,654 | 1871.. | 60,523 | 7,608 |
| 1840.... | 2,818 | 516 | 1856.... | 22,016 | 3,647 | 1872.. | 66,242 | 5,720 |
| 1841.... | 3,585 | 717 | 1857.... | 24,503 | 2,647 | 1873.. | 70,811 | 4,069 |
| 1842.... | 4,026 | 491 | 1858.... | 26,968 | 2,465 | 1874.. | 72,616 | 2,305 |
| 1843.... | 4,185 | 159 | 1859.... | 28,789 | 1,821 | 1875.. | 74,374 | 1,758 |
| 1844.... | 4,377 | 192 | 1860.... | 30,635 | 1,846 | 1876.. | 77,081 | 2,607 |
| 1845.... | 4,633 | 256 | 1861.... | 31,286 | 651 | 1877.. | 79,308 | 2,177 |

THE RAILROADS OF THE WORLD IN 1877-78.

[From the New York Commercial and Financial Chronicle, Feb. 2, 1878, with variations.]

| COUNTRIES. | | Miles. | Total cost. | Cost per mile. |
|----------------------|-----------------------------|--------|----------------|----------------|
| | | | Dollars. | Dollars. |
| 1. NORTH AMERICA... | United States..... | 79,208 | 4,180,191,727 | 52,774 |
| | Canada | 4,029 | 317,795,468 | 61,474 |
| | Mexico | 403 | 38,816,154 | 96,318 |
| | Total..... | 84,540 | 4,537,603,349 | 53,674 |
| 2. MIDDLE AMERICA... | Honduras..... | 56 | 4,963,600 | 88,635 |
| | Costa Rica..... | 29 | 2,817,300 | 97,148 |
| | Cuba (Spanish)..... | 459 | 32,698,980 | 71,239 |
| | Jamaica (British)..... | 26 | 1,200,000 | 41,154 |
| | Panama (Colombia)..... | 48 | 12,000,000 | 250,000 |
| | Total..... | 618 | 53,679,880 | 87,022 |
| 3. SOUTH AMERICA... | Colombia..... | 42 | 3,297,619 | 78,514 |
| | Ecuador..... | 76 | 5,781,958 | 76,078 |
| | Venezuela..... | 39 | 2,973,013 | 76,205 |
| | Guiana (British)..... | 21 | 1,375,000 | 65,476 |
| | Brazil..... | 1,324 | 189,059,891 | 105,030 |
| | Peru..... | 1,744 | 201,719,673 | 115,671 |
| | Chili..... | 977 | 90,302,156 | 92,428 |
| | Argentine Republic..... | 1,466 | 111,276,992 | 75,912 |
| | Paraguay..... | 47 | 2,694,698 | 57,334 |
| | Uruguay..... | 231 | 14,529,701 | 62,899 |
| | Total..... | 5,967 | 573,009,701 | 96,029 |
| 4. EUROPE..... | Great Britain and Ireland.. | 17,092 | 3,368,793,000 | 197,097 |
| | France..... | 14,078 | 1,593,534,595 | 113,193 |
| | Spain..... | 4,112 | 375,454,374 | 91,307 |
| | Portugal..... | 709 | 55,561,978 | 78,364 |
| | Belgium..... | 2,208 | 338,894,897 | 153,485 |
| | Holland..... | 1,262 | 115,254,192 | 89,741 |
| | Denmark..... | 819 | 58,406,976 | 71,315 |
| | Sweden..... | 2,517 | 156,325,836 | 62,108 |
| | Norway..... | 363 | 21,231,397 | 61,519 |
| | Russia..... | 13,229 | 902,469,151 | 68,219 |
| | Germany..... | 18,471 | 1,779,200,604 | 96,324 |
| | Austria..... | 6,979 | 679,152,022 | 97,318 |
| | Hungary..... | 3,967 | 305,225,772 | 76,616 |
| | Switzerland..... | 1,341 | 90,922,482 | 67,802 |
| | Italy..... | 4,849 | 478,426,452 | 98,656 |
| | Turkey..... | 997 | 102,111,743 | 102,419 |
| | Roumania..... | 791 | 77,634,982 | 98,211 |
| | Greece..... | 7 | 500,700 | 71,429 |
| | Total..... | 93,791 | 10,408,152,951 | 110,971 |
| 5. ASIA..... | Turkey in Asia..... | 249 | 20,817,610 | 83,607 |
| | India (British)..... | 6,937 | 546,824,335 | 78,823 |
| | Ceylon (British)..... | 92 | 9,987,370 | 108,553 |
| | Java (Dutch)..... | 296 | 17,226,916 | 58,197 |
| | Philippines (Spanish)..... | 279 | 17,475,723 | 62,631 |
| | China..... | 10 | 200,000 | 20,000 |
| | Japan..... | 67 | 4,187,500 | 62,500 |
| | Total..... | 7,930 | 616,719,454 | 77,774 |
| 6. AFRICA..... | Egypt..... | 1,163 | 72,022,264 | 61,928 |
| | Tunis..... | 42 | 2,213,630 | 52,706 |
| | Algeria (French)..... | 587 | 27,948,244 | 47,612 |
| | Cape Colony (British)..... | 149 | 7,463,589 | 50,091 |
| | Namaqualand..... | 93 | 818,619 | 8,749 |
| | Natal (British)..... | 6 | 258,845 | 43,131 |
| | Mauritius..... | 66 | 1,857,595 | 28,145 |
| | Total..... | 2,106 | 112,577,836 | 53,456 |

THE RAILROADS OF THE WORLD—*Concluded.*

| COUNTRIES. | Miles. | Total Cost. | Cost per mile. |
|------------------------|---------|----------------|----------------|
| | | Dollars. | Dollars. |
| New South Wales..... | 554 | 43,485,676 | 78,494 |
| Queensland..... | 298 | 18,181,874 | 61,013 |
| Victoria..... | 702 | 68,848,580 | 97,790 |
| 7. AUSTRALASIA..... | 327 | 16,057,989 | 49,107 |
| South Australia..... | 38 | 1,661,291 | 43,716 |
| Western Australia..... | 167 | 7,959,828 | 47,662 |
| Tasmania..... | 579 | 27,078,116 | 46,767 |
| New Zealand..... | | | |
| Total .. | 2,665 | 183,273,154 | 68,771 |
| GRAND TOTAL..... | 197,617 | 16,483,015,775 | 83,419 |

NARROW-GAUGE RAILWAYS OF THE UNITED STATES
IN 1877.

[From the Railway Age, Chicago.]

| STATES. | Miles. | STATES. | Miles. | STATES. | Miles. |
|-----------------|--------|-------------------|--------|--------------------|----------|
| Alabama..... | 5.50 | Massachusetts... | 84.16 | South Carolina... | 45.00 |
| Arkansas..... | 73.00 | Michigan..... | 40.50 | Tennessee..... | 56.41 |
| California..... | 210.05 | Minnesota..... | 30.00 | Texas..... | 164.50 |
| Colorado..... | 370.50 | Mississippi..... | 81.00 | Utah..... | 186.75 |
| Georgia..... | 90.00 | Missouri..... | 81.35 | Virginia..... | 53.00 |
| Illinois..... | 214.50 | Nevada..... | 119.75 | Washington Ter.. | 58.50 |
| Indiana..... | 63.86 | Nebraska..... | 26.00 | West Virginia..... | 19.40 |
| Iowa..... | 156.43 | New Jersey..... | 63.17 | Wisconsin..... | 75.50 |
| Kansas..... | 84.00 | New York..... | 56.29 | | |
| Kentucky..... | 23.50 | North Carolina... | 21.50 | Total in U. S... | 3,062.24 |
| Louisiana..... | 5.50 | Ohio..... | 317.19 | | |
| Maine..... | 15.00 | Pennsylvania.... | 265.43 | | |

BUSINESS OF THE SUEZ CANAL FROM ITS OPENING.

This great ship canal, one hundred miles in length, connects Suez on the Red Sea with Port Said on the Mediterranean. It was commenced by a company, aided by large subscriptions of the governments of Egypt, France, and England, in 1858, and opened November 17, 1869. It is 72 feet wide at the bottom, about 300 feet at the surface, and 26 feet in depth, easily passing the largest vessels. The controlling interest in the canal was purchased for £4,000,000, in 1875, by the British government, which now holds it. The following table exhibits the prodigious increase of business on this great work:

[From the *Économiste Français*, June 22, 1878.]

| YEARS. | 1. Transit of vessels. | 2. Sundry receipts. | 3. Total. | 4. Exp'nses of working. | 5. Net profits. | 6. Proportion of ex- penses to receipts. | 7. No. of ves- sels. | 8. Ton'age. |
|---------|---------------------------------|---------------------------|--------------|----------------------------------|-----------------------|--|-------------------------------|----------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | per cent. | | |
| 1870... | 1,031,800 | 353,600 | 1,385,400 | 1,291,600 | 94,000 | 93.21 | 486 | 436,000 |
| 1871... | 1,519,800 | 1,134,200 | 2,654,000 | 1,165,400 | 1,488,600 | 43.90 | 765 | 761,000 |
| 1872... | 2,867,600 | 758,400 | 3,626,000 | 1,007,800 | 2,618,200 | 27.79 | 1,082 | 1,439,000 |
| 1873... | 4,165,320 | 745,000 | 4,910,320 | 1,144,000 | 3,766,000 | 23.30 | 1,173 | 2,085,000 |
| 1874... | 4,530,800 | 631,400 | 5,162,200 | 1,281,800 | 3,880,400 | 24.83 | 1,264 | 2,424,000 |
| 1875... | 5,286,200 | 583,800 | 5,870,000 | 1,243,200 | 4,626,800 | 21.18 | 1,494 | 2,941,000 |
| 1876... | 5,526,400 | 537,200 | 6,063,600 | 1,120,000 | 4,943,400 | 18.47 | 1,457 | 3,072,000 |
| 1877... | 6,035,800 | 599,400 | 6,635,200 | 1,155,200 | 5,480,000 | 17.41 | 1,663 | 3,419,000 |

THE CANALS OF THE UNITED STATES, ETC.

[From the American Cyclopædia, etc.]

| NAMES. | Connecting Points. | Length. | Width, Surface. | Depth. | No. of Locks. | Cost of Construction. |
|--|------------------------------------|----------------|-----------------|-----------|---------------|-----------------------|
| DELAWARE CANAL. Chesapeake & Delaware.. | Delaware City to Ches. City.... | miles. 12.6 | ft. 66 | ft. 10 | 3 | \$ 3,547,561 |
| MARYLAND CANAL. Chesapeake & Ohio..... | Georgetown to Cumberland, Md. | 184½ | 52 @ 60 | 6 | 74 | 11,375,000 |
| ILLINOIS CANAL. Illinois & Michigan | Chicago to La Salle, Ill..... | 96 | 60 | 6 | 17 | 6,170,226 |
| INDIANA CANAL. Wabash & Erie..... | Evansville to Ohio State Line... | 374 | 40 | 4 | 64 | 6,000,000 |
| NEW JERSEY CANALS. Delaware & Raritan..... | New Brunswick to Bordentown. | 43 | 75 | 8 | 14 | 3,935,267 |
| Morris & Essex | Jersey City to Phillipsburg..... | 101 | 40 | 5 | 29 | 2,525,967 |
| NEW YORK CANALS. Baldwinsville..... | ..... | 5½ | 40 | 4 | 1 | 23,556 |
| Black Riv. (canal & feeder). | ..... | 50 | 42 | 4 | 109 | 3,234,779 |
| Black Riv. Improvement. | ..... | 42 | ..... | ..... | 1 | 1,520,543 |
| Cayuga & Seneca enlarge. | ..... | 23 | 70 | 7 | 11 | ..... |
| Champlain ..... | ..... | 66 | 50 | 5 | 20 | ..... |
| Champlain, Glens Falls feeder..... | ..... | 12 | 50 | 5 | 13 | ..... |
| Chemung (canal & feeder) | ..... | 39 | 42 | 4½ | 53 | 1,273,261 |
| Chenango ..... | ..... | 97 | 40 | 4 | 116 | 2,732,124 |
| Crooked Lake..... | ..... | 8 | 42 | 4 | 27 | 3-3,267 |
| Erie (original)..... | Buffalo to Albany | 363 | 40 | 4 | 83 | 46,013,234 |
| Erie (enlargement)..... | Buffalo to Albany | 360½ | 70 | 7 | 72 | 5,827,613 |
| Genesee Valley ..... | ..... | 124½ | 42 | 4 | 112 | 64,537 |
| Onondaga Lake ..... | ..... | 7 | 40 | 4 | 2 | 146,944 |
| Onondaga Riv. Improvement | ..... | 20 | 80 | 4½ | 18 | 3,490,949 |
| Oswego (enlargement)..... | ..... | 38 | 70 | 7 | ..... | ..... |
| OHIO CANALS. Hocking..... | Carroll to Athens..... | 56 | ..... | ..... | 26 | 973,481 |
| Miami..... | Cincinnati to Toledo..... | 291 | 50 @ 60 | 5½ | 105 | 7,454,727 |
| Muskingum improvement. | Dresden to Marietta..... | 91 | Variable. | ..... | 12 | 1,627,318 |
| Ohio..... | Cleveland to Portsmouth..... | 532 | 40 | 4 | 152 | 4,695,204 |
| Walhonding..... | Branch of the Ohio..... | 25 | ..... | ..... | 11 | 607,269 |
| PENNSYLVANIA CANALS. Delaware and Hudson | Honesdale to Rondout, N. Y. ... | 108 | 48 | 6 | 106 | 6,317,653 |
| Delaware Division | Easton to Bristol..... | 60 | 44 | 6 | 32 | ..... |
| East Division | Duncan's Island to Columbia..... | 46 | 50 @ 60 | 6 | 11 | ..... |
| Juniata Division..... | Duncan's Island to Hollidaysburg | 127 | 40 @ 60 | 4 | 63 | 7,731,750 |
| North Branch Division..... | Northumberland to Wilkesbarre. | 84 | 40 @ 60 | 4 | 43 | ..... |
| West Branch Division..... | Northumberland to Fairsville..... | 60½ | 40 @ 60 | 4 | 44 | ..... |
| Susquehanna Division..... | Duncan's Island to Northumberland | 41 | 40 @ 60 | 4 | 11 | ..... |
| Junction..... | State line to Elmira, N. Y. | 18 | 42 | 4 | 53 | 4,455,000 |
| Lehigh Coal and Nav..... | Easton to Coalport..... | 48 | 60 @ 100 | 6 | 8 | 1,132,452 |
| Monongahela Nav..... | Pittsburg to North Geneva..... | 65 | Black water. | ..... | 71 | 13,207,752 |
| Schuylkill Coal and Nav..... | Mill Creek to Philadelphia..... | 108 | 80 @ 300 | 6 | 30 | 4,857,105 |
| Susquehanna..... | Columbia to Havre de Grace..... | 45 | 60 | 5 | 132 | 5,907,000 |
| Union..... | Middletown to Reading..... | 77½ | 43 | 4½ | 7 | 512,000 |
| Wilconisco..... | Millersburg to Clark's Ferry | 12 | 45 | 4 | ..... | ..... |
| VIRGINIA CANALS. Albemarle & Chesapeake | ..... | 8½ | ..... | ..... | ..... | 170,000 |
| Alexandria & Georgetown. | Alexandria to Georgetown..... | 7 | 60 | 6 | ..... | 1,068,762 |
| Dismal Swamp..... | Elizabeth R. to Drummond Lake | 33 | ..... | ..... | 90 | 1,151,000 |
| James River & Kanawha. | Richmond to Buchanan..... | 196½ | 40 | 4 | ..... | 6,139,230 |
| SHIP CANALS. Beauharnois, Canada..... | ..... | 11½ | 120 | ..... | 9 | 1,611,424 |
| Cornwall, Canada..... | ..... | 11½ | 150 | ..... | 7 | 1,933,163 |
| Lachine, Canada..... | Around rapids above Montreal. | 8½ | 120 | ..... | 5 | 2,587,633 |
| Galops, Farrans Point & Welland, Canada..... | Rapide Plat, Canada | 12½ | 90 | ..... | 6 | 1,320,656 |
| Michigan Ship Canal..... | Lake Ontario to Lake Erie..... | 27 | ..... | 25 | 27 | 7,638,240 |
| Louisville & Portland..... | Around St. Mary's Falls..... | 1 | 100 | 20 | 2 | 4,250,000 |
| Caledonia, Scotland..... | Round Falls of Ohio..... | 2 | 86 | 6 @ 42 | 3 | 5,118,140 |
| Crinan, Scotland..... | Moray Frith to Lock Linnhe..... | 60 | 122 | 20 | ..... | ..... |
| North Clyde, Scotland..... | Loch Gilp to Jura Sound..... | 9 | ..... | 12 | ..... | ..... |
| North Holland..... | ..... | 35 | 56 | 9 | 39 | ..... |
| North Sea, Holland..... | Amsterdam to Zuyder Zee..... | 51 | 176½ | 23 | 2 | ..... |
| Suez..... | Port Said to Suez, about..... | 144½ | ..... | 25 | ..... | 81,000,000 |
| | | 100 | 195 @ 325 | 26 | ..... | ..... |

THE TELEGRAPHS OF THE UNITED STATES.

Statement showing the Mileage of Lines and Wires, Number of Offices and Traffic of the Western Union Telegraph Company for each Year, from June 30, 1866, to June 30, 1878.

[From the Journal of the Telegraph, Oct. 16, 1878.]

| YEAR. | Miles of line. | Miles of wire. | No. of offices. | No. of messages sent. | Receipts. | Expenses. | Profits. | Average tolls per mes- sage. | Average cost per mes- sage. | Average profit per mes- sage. |
|----------|-------------------|-------------------|--------------------|-----------------------------|------------|-----------|-----------|--|---|---|
| | | | | | \$ | \$ | \$ | Cts. | Cts. | Cts. |
| 1866.... | 37,380 | 75,636 | 2,250 | 5,879,282 | 6,568,925 | 3,944,006 | 2,624,920 | ..... | ..... | ..... |
| 1867.... | 46,270 | 85,291 | 2,565 | 6,404,595 | 7,004,560 | 4,362,849 | 2,641,711 | 104.7 | 63.4 | 41.3 |
| 1868.... | 50,183 | 97,594 | 3,219 | 7,934,933 | 7,316,918 | 4,568,117 | 2,748,801 | 89.3 | 54.7 | 34.6 |
| 1869.... | 52,099 | 104,584 | 3,607 | 9,157,646 | 7,138,738 | 4,910,772 | 2,227,966 | 75.5 | 51.2 | 24.3 |
| 1870.... | 54,109 | 112,191 | 3,972 | 10,646,077 | 7,637,449 | 5,104,787 | 2,532,662 | 69.5 | 45.7 | 23.8 |
| 1871.... | 56,032 | 121,151 | 4,606 | 12,444,499 | 8,457,096 | 5,666,863 | 2,790,233 | 66.2 | 43.8 | 22.4 |
| 1872.... | 62,033 | 137,190 | 5,237 | 14,456,832 | 9,333,018 | 6,575,056 | 2,757,963 | 62.5 | 43.4 | 19.1 |
| 1873.... | 65,757 | 154,472 | 5,740 | 16,329,256 | 9,262,657 | 6,755,734 | 2,506,920 | 54.9 | 39.5 | 15.4 |
| 1874.... | 71,585 | 175,735 | 6,188 | 17,153,710 | 9,564,575 | 6,335,415 | 3,229,158 | 54.0 | 35.2 | 18.8 |
| 1875.... | 72,833 | 179,496 | 6,565 | 18,729,567 | 10,034,986 | 6,635,474 | 3,399,510 | 50.9 | 33.5 | 17.4 |
| 1876.... | 73,532 | 183,832 | 7,072 | 21,158,941 | 6,672,225 | 3,140,128 | 43.6 | 29.8 | 13.8 | |
| 1877.... | 76,955 | 194,323 | 7,500 | 23,918,894 | 9,861,355 | 6,309,813 | 3,551,543 | 38.9 | 25.0 | 13.9 |
| 1878.... | 81,002 | 206,202 | 8,014 | | | | | | | |

NOTE.—There is to be added to the above the lines of the Atlantic and Pacific Telegraph Company, including in its system the Philadelphia and Reading Telegraph Company, and other Railway telegraph connections within the United States, as follows, Jan. 1, 1878:

| Miles of Line. | Miles of Wire. | No. of Offices. | No. of Messages. | Gross Earnings. | Expenses. | Net Profit. |
|----------------|----------------|-----------------|------------------|-----------------|-------------|-------------|
| 18,626 | 34,651 | 1,712 | 3,046,120 | \$1,131,323 | \$1,049,703 | \$82,625 |

The Dominion Telegraph Co., operating almost wholly in Canada, had 3,656 miles of line owned and operated by the Atlantic and Pacific Co. (not included in above mileage).

By an agreement in 1877, between the Western Union and Atlantic and Pacific Telegraph Companies, the gross earnings of both are to be pooled or divided for 20 years, on the basis of 87½ per cent. to the Western Union, and 12½ per cent. to the Atlantic and Pacific, the expenditures being divided in nearly the same ratio.

Combining the lines of both companies (which represent all the public telegraph wires in the country), there were in 1878, 97,628 miles of inland telegraph in the United States, besides private, railway, and government lines, length not known.

TELEGRAPHS OF THE WORLD IN 1877.

| | No. of Offices. | Length of Lines, Miles. | | No. of Offices. | Length of Lines, Miles. |
|--------------------------|-----------------|-------------------------|--------------------------|-----------------|-------------------------|
| Argentina Republic.... | 182 | 5,339 | India, British..... | 225 | 15,705 |
| Australia and Polynesia. | 658 | 22,039 | Italy..... | 1,408 | 45,557 |
| Austria-Hungary..... | 2,924 | 23,148 | Japan..... | 1 | 1,843 |
| Belgium..... | 613 | 3,160 | Mexico..... | 194 | 5,760 |
| Bolivia..... | 15 | 475 | Netherlands..... | 335 | 2,163 |
| Brazil..... | 89 | 3,510 | Norway..... | 197 | 4,827 |
| Canada, Dominion of... | 830 | 10,995 | Persia..... | 46 | 2,458 |
| Chili..... | 55 | 2,650 | Peru..... | 25 | 608 |
| Colombia..... | 38 | 1,227 | Portugal..... | 144 | 2,190 |
| Costa Rica..... | 16 | 220 | Roumania..... | 185 | 2,487 |
| Denmark..... | 178 | 1,591 | Russia..... | 1,691 | 57,338 |
| Ecuador..... | 10 | 210 | Spain..... | 264 | 7,510 |
| Egypt..... | 78 | 3,980 | Sweden..... | 628 | 6,094 |
| France..... | 4,406 | 33,895 | Switzerland..... | 1,053 | 4,015 |
| Germany..... | 5,109 | 24,108 | Turkey..... | 401 | 17,618 |
| Great Britain & Ireland. | 5,375 | *25,206 | United States of America | 8,823 | *94,714 |
| Greece..... | 69 | 992 | Uruguay..... | ..... | 1,309 |
| Guatemala..... | 42 | 1,226 | | | |

* This does not include the railway lines of telegraph, of which no statement is published.

Statement of Land Grants by Acts of Congress to States for Canal Purposes, from the first Grant in 1827 to 1877.

[From the Report of the Commissioner of the General Land Office.]

| STATES. | Date of Laws. | Name of Canal. | Total Number of Acres Granted. |
|---|----------------|---|--------------------------------|
| Indiana..... | Mar. 2, 1827. | Wabash and Erie Canal..... | 1,430,270 |
| " | Feb. 27, 1841. | | |
| " | Mar. 3, 1845. | | |
| Ohio | Mar. 2, 1827. | " " " | 266,535 |
| " | June 30, 1834. | | |
| " | May 24, 1838. | | |
| " | April 2, 1830. | Miami and Dayton..... | 333,826 |
| " | May 24, 1838. | General Canal purposes..... | 500,000 |
| Illinois..... | Mar. 2, 1827. | Canal to connect the waters of the Illinois River with those of Lake Michigan..... | 290,915 |
| Wisconsin ... | June 18, 1838. | Milwaukee and Rock River Canal..... | 125,431 |
| " | Apr. 10, 1836. | Breakwater and Harbor and Ship Canal... | 200,000 |
| " | Mar. 7, 1874. | Extending the time for completion of Green Bay and Sturgeon Bay and Lake Michigan Ship Canal..... | |
| Michigan..... | Aug. 26, 1852. | Saint Mary's Ship Canal..... | 750,000 |
| " | Mar. 3, 1865. | Portage Lake and Lake Superior Ship Canal | 200,000 |
| " | July 3, 1866. | " " " " " " " " | 200,000 |
| " | " " | Lac La Belle Ship Canal | 100,000 |
| Total quantity of Acres granted for Canals..... | | | 4,405,966 |

Statistics of Railways in Great Britain (England, Wales, Scotland, and Ireland) for Sixteen Years, 1861-1877.

[From the Statistical Abstract of the United Kingdom, 1878.]

| Years. | Length of Lines open at the End of each Year. | Total Capital Paid up (Shares, Loans, &c.) at the End of each Year. | Number of Passengers Conveyed (including Season-Ticket Holders). | | Total of Traffic Receipts. | | Total of Working Expenses. | Net Traffic Receipts of Passengers and Goods. |
|--------|---|---|--|-----------|----------------------------|-----------|----------------------------|---|
| | | | Total. | Per Mile. | Total. | Per Mile. | | |
| | Miles. | £ | No. | No. | £ | £ | £ | £ |
| 1861.. | 10,869 | 362,327,338 | 173,773,218 | 15,988 | 28,565,355 | 2,628 | 13,843,337 | 14,722,018 |
| 1862.. | 11,551 | 385,218,438 | 180,485,727 | 15,625 | 29,128,558 | 2,522 | 14,268,409 | 14,860,149 |
| 1863.. | 12,322 | 404,215,802 | 204,699,466 | 16,612 | 31,156,397 | 2,528 | 15,027,234 | 16,129,163 |
| 1864.. | 12,789 | 425,719,613 | 229,348,664 | 17,933 | 33,911,547 | 2,651 | 16,000,308 | 17,911,239 |
| 1865.. | 13,289 | 455,478,143 | 251,959,862 | 18,960 | 35,751,655 | 2,691 | 17,149,072 | 18,602,582 |
| 1866.. | 13,854 | 481,872,184 | 274,403,895 | 19,734 | 38,164,354 | 2,754 | 18,811,673 | 19,352,681 |
| 1867.. | 14,247 | 502,262,887 | 287,807,904 | 20,201 | 39,479,999 | 2,771 | 19,848,952 | 19,631,047 |
| 1868.. | 15,145 | 518,779,761 | 312,779,381 | 20,189 | 41,075,321 | 2,712 | 20,780,078 | 21,915,849 |
| 1870.. | 15,537 | 529,908,673 | 336,701,800 | 21,249 | 43,417,070 | 2,794 | 21,715,525 | 23,362,618 |
| 1871.. | 15,376 | 552,680,107 | 375,409,146 | 24,415 | 47,107,558 | 3,064 | 23,152,860 | 25,739,929 |
| 1872.. | 15,814 | 569,047,346 | 423,147,164 | 26,758 | 51,304,114 | 3,244 | 26,293,304 | 26,957,870 |
| 1873.. | 16,082 | 588,320,308 | 455,634,767 | 28,332 | 55,675,421 | 3,462 | 30,752,848 | 26,989,152 |
| 1874.. | 16,448 | 609,895,931 | 478,334,368 | 29,081 | 56,899,498 | 3,459 | 32,612,712 | 26,643,003 |
| 1875.. | 16,664 | 630,226,942 | 507,532,187 | 30,457 | 58,977,518 | 3,539 | 33,211,031 | 28,020,298 |
| 1876.. | 16,872 | 658,214,776 | 538,681,722 | 31,928 | 59,917,868 | 3,551 | 33,535,509 | 28,680,266 |
| 1877.. | 17,077 | 674,059,048 | 551,593,654 | 32,268 | 60,644,057 | 3,551 | 33,857,978 | 29,115,350 |

SILVER MONEY AND THE PARIS INTERNATIONAL MONETARY CONGRESS OF 1878.

[Condensed from the *Économiste Français*.]

THE initiative to this international conference was found in an ordinance of the Congress of the United States, adopted February 28th, 1878, and forming the second section of the act "to authorize the coinage of the standard silver dollar and to restore its legal tender character." The act provided that the President should invite the governments of the countries composing the Latin Union (France, Belgium, Switzerland, Italy, and Greece), and such other European nations as he might deem advisable, to join the United States in a conference to adopt a common ratio between gold and silver, for the purpose of establishing internationally the use of bi-metallic money, and to secure a fixity of relative value between those metals. The President was empowered to appoint three commissioners to this conference on the part of the United States. Official invitations through the Department of State to the various European powers were responded to, and the council participated in by all except Germany and Spain. The conference assembled at Paris, August 16th, 1878, presided over by M. Léon Say, the present Minister of the Finances in France. The delegates were as follows: Austria-Hungary, M. de Hengelmüller; Belgium, Messieurs Pirmez and Garnier; France, Messieurs Léon Say, S. Jagerschmidt, and M. Ruau; Great Britain, Messrs. Goschen, M. P., Gibbs, former Governor of the Bank of England, Seccombe, and W. B. Gurdon; Greece, M. Delyanni; Italy, Messrs. Rusconi, Barilis, and Reisman; Netherlands, M. Mees; Russia, M. de la Thoenner; Sweden and Norway, Messrs. Woern and Broch; Switzerland, Messrs. Feer-Herzog and Lardy; United States, R. E. Fenton (New York), W. S. Groesbeck (Ohio), F. A. Walker (Connecticut), S. Dana Horton, Ohio (Secretary). After an opening discussion, the American delegates submitted to the Conference these two resolutions:

"1. The Conference is of the opinion that it is not desirable that silver should be excluded from free coinage in Europe, and in the United States of America. On the contrary, it believes it to be desirable that the free coinage of that metal and its use as legal money having unlimited freedom of circulation, should be maintained in the countries where it exists, and so far as possible restored in those where it has ceased to exist.

"2. Simultaneous use of gold and silver as legal currency, having unlimited power of circulation, may be assured without interference, first by putting them upon an equal footing, by means of which a ratio is to be fixed by national agreement; and second, by adopting for each metal, according to the ratio fixed, equal conditions for coinage, without making any distinction whatever between them."

After full and free discussions, extending through several days, for even an abstract of which there is no space here, the Commission rejected these resolutions, and on the 29th of August adopted without a division, and as an expression of the majority of the Conference, the following paper:

"The delegates of the European States, represented in the Conference, wish to express their thanks to the government of the United States of America, for having procured an international exchange of opinion upon a subject of so much importance as the monetary question. Having maturely considered the proposal of the delegates of the United States, they recognize:

"First. That it is necessary to maintain in the world the monetary

functions of silver, as well as those of gold ; but that the selection for use of one or the other of these two metals, or of both simultaneously, should be governed by the special position of each State or group of States.

"Second. That the question of the restriction of the coinage of silver should equally be left to the discretion of each State or group of States, according to the particular circumstances in which they may find themselves placed ; and the more so, as the perturbations produced during late years in the silver market have variously affected the monetary situation of the several countries.

"Third. That the differences of opinion which have appeared, and the fact that even some of the States which have the double standard find it impossible to enter into a mutual engagement with regard to the unlimited coinage of silver, exclude the discussion of the question of establishing an international ratio of value between the two metals."

The American delegates, all three of them concurring, thereupon submitted the following dissenting paper :

"In response to the address of the representatives of the European States, the representatives of the United States desire, on their part, to express their sincere thanks to the European States for accepting their invitation and consulting with them upon a subject of so much importance. The representatives of the United States regret that they cannot entirely concur in all that has been submitted to them by a majority of the representatives of the European States. They fully concur in a part of the first proposition, viz., that 'it is necessary to maintain in the world the monetary functions of silver, as well as those of gold ;' and they desire that ere long there may be adequate co-operation to obtain that result. They cannot object to the statement 'that the selection for use of one or the other of these two metals, or of both, simultaneously, should be governed by the special position of each State ;' but if it be necessary to maintain the monetary functions of both metals, as previously declared, they respectfully submit that the special position of States may become of but secondary importance.

"From so much of the second proposition as assigns as a special reason for at present restricting the coinage of silver, 'that the disturbance produced during the recent years in the silver market has differently affected the monetary situation of the several countries,' they respectfully dissent, believing that a policy of action would remove the disturbance that produced these inequalities.

"In regard to the third and last proposition, they admit that 'some of the States which have the double standard,' or, as they prefer to say, use both metals, 'find it impossible to enter into a mutual engagement for the free coinage of silver.' They, as representatives of the United States, have come here expressly to enter into such an engagement. The difficulty is not with them, and wherever it may be, they trust it may be soon removed. They entirely concur in the conclusion drawn from this state of the case, that it 'excludes the discussion of the question of the adoption of a common ratio between the two metals.' It is useless to agree upon a particular ratio between the two metals, if the nations are not ready also to adopt a policy to uphold it. We remain upon ours ; the European States upon theirs."

The discussions of the conference, although they led to no practical result, were fruitful of suggestion, bringing out valuable expressions of opinion. M. Léon Say, the Minister of Finance of France, said that :

" France was not on the road to a gold standard, but was in an expectant attitude, which it would probably leave to return to the double standard. It could not be made to suit the interests of France, to take away the money function from two and a half milliards of francs (\$489,000,000) which it possessed in silver, inside and outside the vaults of the bank. It was not in a condition to give advice in respect to the restoration of the money function of silver to those countries which had taken it away. France, before making a movement, would wait until Germany had disposed of its stock of silver, and until the causes which might raise its price could be more accurately known.

" He did not wish, however, that the non-assent of the French government to the propositions of the United States should be taken as a condemnation of the present monetary policy of that Republic. In his opinion, what was best to be done was for the nations represented in the conference to come to an understanding upon the expression of a common idea as to the employment of silver as money, and that they should reciprocally recommend that these nations, in their internal legislation, should adopt no measure calculated to contribute to the depreciation of that metal. We can never believe in the suppression of a money which controls the commerce of the Indies and of the extreme East. We believe, on the contrary, that by the development of that commerce, the use of silver as money will likewise develop from day to day. Agreeing on so many points with the opinions of the United States, although not able, in the actual state of things, to accept their proposition, nevertheless, we are not willing to let it be said that we reject it."

M. Mees, delegate from the Netherlands, declared that his government could not renounce the gold standard so long as Germany and England should maintain that system. But personally the honorable delegate believed that the single and universal gold standard is as utopian an idea as universal bi-metalism. What is most needed is that the two metals continue to discharge their functions simultaneously. It is, according to M. Mees, in the farther East and in South America that the United States should look for allies.

On the other hand, M. Feer-Herzog, M. Pirmez, and others, maintained that the double standard was fruitful in monetary crises; that the restoration of free coinage of silver would increase instead of diminishing existing financial troubles; that any attempt to enforce a bi-metallic system is utopian, since there can be no double standard, the metal of the least value always banishing the more valuable from circulation, and that the course proposed by the United States was utterly inexpedient for the nations of Europe to follow.

Mr. Goschen, M.P., one of the British delegates, and author of a work on Money and Exchange, declared that while the maintenance of the gold standard in England was a fixed British policy, that country was also profoundly interested to maintain the monetary position of silver, on account of India. He said:

" If other countries enter upon a campaign against silver, the government of India may perhaps adopt measures similar to those adopted elsewhere, which might result in a crisis fruitful in disasters. The conference would, therefore, see that the future of silver interested the whole world, and that it concerned everybody to help prevent a depreciation of it, which might be without limits. He believed, besides, that if silver was everywhere demonetized, gold was insufficient for the wants of circulation. From the fall in silver, and the rise in gold, there would result a diminution in the prices of all commodi-

ties. England, said Mr. Goschen, is firmly determined to maintain at home the single gold standard. It is the same with Germany, Sweden, and Norway; the States of the Latin Union cannot, on their part, agree to return to the free coinage of silver, nor to depart from the ratio of 15½ to 1. Austria, Italy, and Russia might pronounce for one side or for the other; but as those three nations have only a circulation of paper, their decision in the matter can be only theoretical."

General F. A. Walker, in behalf of the United States, referred to the calamitous results of demonetizing silver in Germany, and said that the perpetuation of such a policy would destroy all par of exchange between Europe and Asia. Mr. Groesbeck made a powerful statement in defence of the policy of the United States in remonetizing silver in connection with the resumption of specie payments. Governor Fenton regarded the present financial depression, affecting alike the countries of the Old and New World, as due in some degree to the withdrawal of silver as a full valued currency, and thought that some improvement would result from its restoration to its proper function as money.

The *Économiste Français* sums up the net result of this conference as follows:

"England will preserve the standard of gold in Europe, and the standard of silver in India. The Scandinavian States remain faithful to the standard of gold. Switzerland and Belgium also incline towards the same standard, although they are for the present bound to the bi-metallic system of the Latin Union. Russia, a paper-money country, exhibits an ulterior preference for the gold standard. On the contrary, France, or at any rate, its financial minister, declares in principles rather for bi-metallism, than for mono-metallism. Austria-Hungary and Italy avow, in language more or less explicit, their sympathy for an unlimited coinage of silver, and the universal adoption of the ratio of fifteen and a half to one."

Proportion Unable to Read or Write, in Various Countries.

[From Kiddle and Schem's Cyclopædia of Education, New York, 1877.]

| COUNTRIES. | Year. | Per cent. of illiteracy. | COUNTRIES. | Year. | Per cent. of illiteracy. |
|------------------|---------|--------------------------|--------------------|---------|--------------------------|
| Argentine Rep... | Recent. | 83 | India..... | 1871 | 95 |
| Austria (1)..... | " | 49 | Ireland (2)..... | Recent. | 46 |
| Bavaria..... | " | 7 | Italy..... | 1861 | 73 |
| Belgium..... | ..... | 30 | Japan..... | Recent. | 10 |
| Brazil..... | Recent. | .. | Mexico..... | " | 93 |
| China..... | " | 50 | Netherlands (1)... | " | 18 |
| England..... | " | 33 | Poland..... | " | 91 |
| France..... | 1873 | 30 | Russia..... | " | 91 |
| Germany..... | 1871 | 12 | Scotland..... | ..... | 16 |
| Greece..... | Recent. | 82 | Spain..... | 1860 | 80 |
| Hungary..... | " | 51 | United States.... | 1870 | 20 |

1. Conscripts.

2. Criminals.

NOTE.—These statistics are not in most cases based upon a census of illiteracy, which few nations have provided for in systematic form. They are to be regarded rather as an attempt to approximate the proportions ignorant of the arts of reading and writing, from such data as exist concerning soldiers, the signing of marriage registers, etc., than as exact statistics of illiteracy.

THE METRIC OR DECIMAL SYSTEM.

As applied to weights and measures, the metric system has been adopted by France, Germany, Italy, Spain, Portugal, Belgium, Netherlands, Greece, Mexico, Brazil, Peru, Chili, etc. Switzerland, Denmark, and Austria have partially adopted it, and it is legalized or permissive (not compulsory) in the United States and in Great Britain. As applied to measures of length, the standard unit is the metre, ascertained with mathematical exactness to be one ten-millionth part of a terrestrial meridian. The unit of volume (or litre) is the capacity of a cubical vessel measuring one tenth of a metre on its edges; and the unit of weight is the actual weight of distilled water which will fill such a vessel. The following tables exhibit the various designations of weights and measures under the metric system, and their equivalents in existing American or English weights and measures, as legalized by act of Congress, July 27, 1856.

MEASURES OF LENGTH.

| <i>Metric denominations and values.</i> | | <i>Equivalents in denominations in use.</i> |
|---|----------------------------|---|
| Myriametre..... | 10,000 metres. | 6.2137 miles. |
| Kilometre..... | 1,000 " | 0.62137 miles, or 3,280 feet, 10 inches. |
| Hectometre..... | 100 " | 328 feet, 1 inch. |
| Decametre..... | 10 " | 393.7 inches. |
| Metre..... | 1 metre. | 39.37 inches. |
| Decimetre..... | $\frac{1}{10}$ of a metre. | 3.937 inches. |
| Centimetre..... | $\frac{1}{100}$ " | 0.3937 inches. |
| Millimetre..... | $\frac{1}{1000}$ " | 0.0394 inches. |

MEASURES OF CAPACITY.

| <i>Metric denominations and values.</i> | | | <i>Equivalents in denominations in use.</i> | |
|---|------------------|---------------------------------|---|-------------------------|
| Names. | No. of litres. | Cubic Measure. | Dry measure. | Liquid or wine measure. |
| Kilolitre, or stere.. | 1,000 | 1 cubic metre. | 1.308 cubic yards. | 264.17 gallons. |
| Hectolitre..... | 100 | $\frac{1}{10}$ of a cub. metr. | 2 bush's, 3.35 pecks. | 23.417 gallons. |
| Decalitre..... | 10 | 10 cub. decimtrs. | 9.08 quarts. | 2.6417 gallons. |
| Litre..... | 1 | 1 cub. decimetre. | 0.908 quarts. | 1.0567 quarts. |
| Decilitre..... | $\frac{1}{10}$ | $\frac{1}{10}$ of a c. decimtr. | 6.1023 cubic inches. | 0.845 gills. |
| Centilitre..... | $\frac{1}{100}$ | 10 cub. centimtrs. | 0.6102 " | 0.338 fluid oz. |
| Millilitre..... | $\frac{1}{1000}$ | 1 cub. centimetre. | 0.061 " | 0.27 fluid oz. |

MEASURES OF SURFACE.

| <i>Metric denominations and values.</i> | | <i>Equivalents in denominations in use.</i> |
|---|-----------------------|---|
| Hectare..... | 10,000 square metres. | 2.471 acres. |
| Are..... | 100 " | 119.6 square yards. |
| Centare..... | 1 square metre. | 1,550 square inches. |

WEIGHTS.

| <i>Metric denominations and values.</i> | | <i>Equivalents in denominations in use.</i> |
|---|--------------------|---|
| Names. | Number of grammes. | Avoirdupois weight. |
| Millier or tonneau..... | 1,000,000 | 2204 6 pounds. |
| Quintal..... | 100,000 | 220.46 " |
| Myriagramme..... | 10,000 | 22.046 " |
| Kilogramme or kilo..... | 1,000 | 2.2041 " |
| Hectogramme..... | 100 | 3.5274 ounces. |
| Dekagramme..... | 10 | 0.3527 " |
| Gramme..... | 1 | 15.432 grains. |
| Decigramme..... | $\frac{1}{10}$ | 1.5432 " |
| Centigramme..... | $\frac{1}{100}$ | 0.1543 " |
| Milligramme..... | $\frac{1}{1000}$ | 0.0154 " |

SOME OF THE MOST DESTRUCTIVE FIRES ON RECORD.

- 1666, Sept. 26.—The "Great Fire" in London; ruins covered 436 acres; 13,200 houses destroyed. About 200,000 persons forced to camp out.
- 1812, Sept. 14.—Moscow burned by order of the Russians; fires ordered lit in 600 places; 1,180 houses, exclusive of palaces and churches, burned.
- 1835, Dec. 16.—New York; 600 warehouses and \$20,000,000 in property destroyed.
- 1838, April 27.—Charleston, S. C.; one-half the city (1,158 buildings) destroyed; loss, \$3,000,000.
- 1839, Sept. 6.—New York; 46 buildings; loss, \$10,000,000.
- 1842, May 5.—Hamburg, Germany; 4,219 buildings burned; 100 lives and \$35,000,-000 worth of property lost.
- 1845, April 10.—Pittsburg; 1,000 buildings; loss, \$6,000,000.
- 1845, May 28.—Immense fire at Quebec; 1,050 houses burned and 12,000 people made homeless; many lives lost.
- 1845, June 28.—Another great fire in Quebec; 1,365 houses (two-thirds of the city) burned.
- 1846, June 12.—St. John's, Newfoundland; nearly the whole town destroyed; 6,000 people burned out.
- 1848, August 17.—Albany, N. Y.; one-third of city (600 houses) burned; loss, \$3,-000,000.
- 1851, May 3-5.—San Francisco; 2,500 buildings burned; many lives lost; estimated loss, \$3,500,000.
- 1851, May 4.—St. Louis; about three-fourths of the city burned; loss, \$11,000,000.
- 1851, June 22.—San Francisco; 500 buildings burned; loss, \$3,000,000.
- 1861, June 22.—London; wharves on Tooley street; fire burned for a month; loss estimated, \$10,000,000.
- 1863, Dec. 8.—Santiago, South America; Church of the Campana burned; 2,000, principally women, perished.
- 1866, July 4.—Portland, Me., nearly destroyed; 10,000 people homeless; loss, \$15,-000,000.
- 1870, June 5.—Constantinople; 7,000 buildings burned; 2,000 lives lost.
- 1871, Oct. 8-9.—Chicago; fire swept over 2,125 acres, destroying nearly all the business portion and much of the residence portion of the city; 1,600 stores, 28 hotels, 60 churches, nearly 1,500 residences burned; 250 lives lost; loss estimated, \$195,000,000.
- 1871, Oct.—Great forest fires in Wisconsin and Michigan; 1,000 lives lost; 15,000 people made homeless; loss estimated at \$3,000,000.
- 1872, Nov. 9.—Boston; 65 acres burned in the business heart of the city; 14 lives lost; 446 buildings destroyed; loss, \$73,600,000.
- 1873, Aug. 2.—Portland, Oregon; 23 blocks, 250 dwellings destroyed; loss, \$1,500,-000.
- 1874, Feb. 4.—Great fire in London; loss, \$15,000,000.
- 1874, July 14.—Chicago; 15 squares burned; 846 buildings destroyed; loss, over \$4,000,000.
- 1875, Feb. 8.—New York; destructive fire on Broadway; loss, \$3,000,000.
- 1875, April 28.—Oshkosh, Wis.; a square mile of city in ruins; loss over \$2,000,-000.
- 1875, May 27.—Holyoke, Mass.; French Cathedral burned; 75 lives lost.
- 1875, Nov. 4.—Virginia City, Nev.; business portion destroyed; loss, \$4,000,000.
- 1877, June 21.—St. John's, New Brunswick; two-fifths of city burned—1,650 dwellings; loss, \$12,500,000.

LIST OF NOTABLE SHIPWRECKS—1782-1378.

| NAME. | Date. | Where from. | Where lost. | Lives lost. |
|---------------------------|---------------|-----------------------|----------------------|-------------|
| Amazon..... | 1852, Jan. 4 | | Land's End, Engl. | 100 |
| Amazon..... | 1861, Nov. | Prussian man-of-war. | Coast, N. Holland. | 118 |
| America..... | 1859 | Collision with U. S. | Ohio River. | 72 |
| Anglo-Saxon..... | 1863, Apr. 27 | Liverpool | Cape Race. | 237 |
| Annie Jane..... | 1853, Sep. 28 | Liverpool | Hebrides. | 348 |
| Arctic..... | 1854, Sep. 27 | U. S. mail steamer. | Cape Race. | 823 |
| Atlantic..... | 1852, Aug. 20 | | Lake Erie. | 250 |
| Atlantic..... | 1873, Apr. 1 | Liverpool, W. S. line | Coast, Nova Scotia. | 583 |
| Austria..... | 1858, Sep. 13 | Hamburg | Atlantic. | 500 |
| Avalanche..... | 1877, Sept. | For New Zealand | British Channel. | 100 |
| Avenger..... | 1847, Dec. 20 | England. | Bizerta, Africa. | 266 |
| B. Billow..... | 1831, Apr. 9 | | Nova Scotia. | 137 |
| Ben Sherrod..... | 1837, May 9 | New Orleans | Natchez. | 175 |
| Birkenhead..... | 1852, Feb. 26 | Queenstown. | Coast, South Africa. | 454 |
| Boston..... | 1830, May 25 | Burned at sea. | by lightning. | ..... |
| Brandywine..... | 1831, Apr. 9 | Mississippi R. | Near Memphis. | 110 |
| Bristol..... | 1836, Nov. 20 | Liverpool | Long Island. | 75 |
| British Admiral..... | 1874, May 23 | Liverpool | Near Australia. | 80 |
| Brother Jonathan..... | 1865, Aug. 25 | San Francisco | Pacific. | 146 |
| Cambria..... | 1870, Oct. 19 | New York. | Coast, Ireland. | 170 |
| Captain..... | 1870, Sept. 7 | British man-of-war. | Off Finisterre. | 500 |
| Carrick..... | 1847, May 19 | Canadian Brig | St. Lawrence. | 170 |
| Cazador..... | 1856, Jan. 30 | Chilian war steamer | | 318 |
| Central America..... | 1857, Sep. 12 | Havana and N. Y. | Gulf of Mexico. | 427 |
| City of Boston..... | 1870, Jan. 28 | N. Y., for Liverpool | Never heard from. | 191 |
| City of Glasgow..... | 1854, Mar. 1 | Liverpool to Phila. | Never heard from. | 480 |
| City of Philadelphia..... | 1854, Sep. 17 | Liverpool | Cape Race. | ..... |
| City of Washington..... | 1873, July 5 | Inman Steamship. | Off Nova Scotia. | ..... |
| Cospatrick..... | 1874, Nov. 17 | London | Burned at sea. | 465 |
| Deutschland..... | 1875, Dec. 6 | Bremerhaven, Ger. | Kentish Kn'k Sand. | 60 |
| Donna Maria..... | 1850, Oct. 29 | | Near Macao, China. | 188 |
| Dunbar..... | 1857, Aug. 27 | Ship | Near Nova Scotia. | 121 |
| Eagle Speed..... | 1863, Aug. 20 | Calcutta. | Indian Ocean. | 265 |
| Erie..... | 1841, Aug. 9 | Buffalo | Burned, Lake Erie. | 175 |
| Eten..... | 1877, June | Bombay | Near Valparaiso. | 100 |
| Eurydice..... | 1878, Mar. 23 | | Isle of Wight | 300 |
| Evening Star..... | 1866, Oct. 3 | New York. | Tybee Island, Ga. | 258 |
| Exmouth..... | 1847, Ap. 28 | Londonderry | Atlantic. | 230 |
| Favorite..... | 1854, Apr. 29 | Bremen | Atlantic. | 150 |
| Friollian..... | 1849, Feb. 28 | Antwerp and N. Y. | English coast. | 200 |
| Friesland..... | 1877, Dec. | | Atlantic. | 168 |
| General Lyon..... | 1863, Mar. 31 | Wilmington, N. C. | Cape Hatteras. | 500 |
| George Canning..... | 1855, Jan. 1 | Hamb'g & N. Y. pkt. | Near River Elbe. | 96 |
| Golden Gate..... | 1862, July 27 | San Francisco. | Mexican coast. | 204 |
| Governor Fenner..... | 1841, Feb. 21 | Liverpool | Atlantic. | 122 |
| Griffith..... | 1850, June 17 | | Lake Erie. | 300 |
| Henry Clay..... | 1852, July 28 | Albany | Hudson River. | 26 |
| Hibernia..... | 1863, Nov. 25 | N. Y. to Glasgow | Coast, Ireland. | 85 |
| Home..... | 1837, Oct. 9 | New York. | Pamlico Sound, N.C. | 100 |
| Hungarian..... | 1860, Feb. 19 | Liverpool to Portl'd | Cape Sable. | 205 |
| Independence..... | 1853, Feb. 16 | Central America. | Lower California. | 140 |
| Jane and Margaret..... | 1837, Feb. 22 | Liverpool. | Isle of Man. | 206 |
| Japan..... | 1874, Dec. 17 | Pacif. mail steamer. | Near Yokohama. | 406 |
| John..... | 1855, May 8 | Barque. | Manacles Rocks. | 191 |
| John Rutledge..... | 1856, Feb. 19 | Liverpool to N. Y. | Sunk by an iceberg. | ..... |
| Johnson, A. N..... | 1847, Dec. | Cincinnati. | Ohio River. | 80 |
| Kars..... | 1874, June 22 | | Sea of Marmora. | 230 |
| Lady Elgin..... | 1860, Sept. 8 | Collis. with Augusta | Lake Michigan. | 297 |
| Lady Nugent..... | 1854, May 10 | Madras | Foundered | 403 |
| Lexington..... | 1840, Jan. 13 | New York | Watch Hill, R. I. | 40 |
| Lochearn..... | 1873, Nov. 28 | Glasgow | Atlantic. | ..... |
| London..... | 1866, Jan. 11 | London | Bay of Biscay. | 220 |
| Luna..... | 1860, Feb. 12 | | English Channel. | 109 |
| Lyonnais..... | 1856, Nov. 2 | New York. | Atlantic. | 134 |
| Megara..... | 1871, June 17 | British troop ship. | Pacific Ocean. | ..... |
| Mercedes..... | 1854, May 1 | Peruvian war ship. | Callao. | 731 |
| Metis..... | 1872, Aug. 30 | New York. | Watch Hill, R. I. | 52 |
| Mexico..... | 1837, Jan. 3 | Liverpool | Long Island. | 108 |
| Monmouth..... | 1837, Oct. 29 | | Mississippi River. | 234 |
| Montreal..... | 1857, June 26 | Quebec | Near Quebec. | 250 |
| Moselle..... | 1838, Apr. 25 | Cincinnati. | Near Cincinnati. | 131 |
| New Jersey..... | 1856, Mar. 15 | Philadelphia and | Camden ferry-boat. | 89 |

NOTABLE SHIPWRECKS—1782-1878.—*Continued.*

| NAME. | Date. | Where from. | Where lost. | Lives lost. |
|------------------------|-----------------|---------------------------|----------------------------|-------------|
| Niagara | 1865, Nov. 21 | ..... | Mississippi River... | 100 |
| North American | 1864, Dec. 22 | ..... | ..... | 197 |
| Northfleet | 1873, Jan. 22 | London | Coast of Kent | 293 |
| Ocean | 1854, Nov. 24 | Boston | Burnt, Boston Harb. | 35 |
| Ocean Monarch | 1848, Aug. 24 | Liverpool | Irish Channel | 170 |
| Oncida | 1870, Jan. 21 | U. S. Navy | Yokohama Bay | 120 |
| Orpheus | 1863, Feb. 1 | British man-of-war | New Zealand | 181 |
| Pacific | 1856, Jan. 23 | Liverpool for N. Y. | Never heard from | 186 |
| Pacific | 1875, Nov. 4 | Victoria | Cape Flattery | 157 |
| Pennsylvania | 1858, June 13 | ..... | Mississippi River | 100 |
| Pewabic | 1865, Aug. 9 | Propeller | Lake Huron | 100 |
| Phœnix | 1847, Nov. 21 | ..... | Lake Michigan | 240 |
| Pomona | 1859, Apr. 28 | Liverpool | Coast, Ireland | 395 |
| Pommerania | 1878, Nov. 25 | Hamburg Am. line | English Channel | 50 |
| Powhatan | 1854, Apr. 15 | Havre to the U. S. | Atlantic | 311 |
| Poyang | 1875, June 1 | Macao | Hong-Kong | 100 |
| President | 1841, Mar. 13 | New York | Never heard from | 109 |
| Princess Alice | 1878, Sept. 3 | London, collision | Thames River | 600 |
| Princeton | 1844, Feb. 28 | Potomac | River (gun burst) | 20 |
| Pulaski | 1848, June 14 | Savannah | N. Carolina coast | 100 |
| Racehorse | 1864, Nov. 4 | ..... | Coast, China | 99 |
| Rothsay Castle | 1831, Aug. 17 | ..... | Near Liverpool | 100 |
| Royal Adelaide | 1850, Mar. 30 | Cork and London | Near Margate, Eng. | 206 |
| Royal Charter | 1859, Oct. 26 | Australia | Isle Anglesea, Wales | 446 |
| Royal George | 1782, Aug. 20 | British man-of-war | Sunk at Portsmouth | 600 |
| St. George | 1852, Dec. 24 | Liverpool | Burned at sea | 51 |
| St. Paul | 1858, Sep. 30 | Hong-Kong | Rossel Isl'd, S. Pac. | 317 |
| San Francisco | 1853, Dec. 24 | N. Y. to California | Foundered at sea | 240 |
| Schiller | 1875, May 7 | New York | Scilly Islands | 342 |
| Shanunga | 1847, Aug. 9 | Collision with | Iduna | 172 |
| Staffordshire | 1853, Dec. 30 | Liverpool to Boston | Near Cape Sable | 177 |
| Stonewall | 1869, Oct. 27 | St. Louis | Near Cairo, Ill. | 222 |
| Sultana | 1865, Apr. 28 | Explosion, Miss. R. | Retur'd Union pris. | 1,320 |
| Talisman | 1847, Nov. 19 | Pittsburg | Ohio River | 100 |
| Taylor | 1854, Jan. 20 | White Star Line | Coast, Ireland | 370 |
| Ville du Havre | 1873, Nov. 23 | New York | Azore Islands | 200 |
| Wawasset | 1873, Aug. 8 | Washington, D. C. | Burned, Potomac R. | 45 |
| Wilhelmsburg | 1863, Nov. | Hamburg | Coast, Holland | 250 |
| William and Mary | 1853, May 3 | Emigrant ship | Near Bahama Isl'ds. | 170 |

Average Annual Rates, per 1000 of Population, of Deaths, Births, and Marriages, in Nine Nations of Europe.

[From the 57th Annual Report of the Registrar-General of Great Britain, 1876.]

| COUNTRIES. | DEATHS. | | | BIRTHS. | | | PERSONS MARRIED. | | |
|-----------------------|---------------------------|--------------|-------|---------------------------|--------------|-------|---------------------------|--------------|-------|
| | Av'ge for 20 yrs. 1853-72 | In the years | | Av'ge for 20 yrs. 1853-72 | In the years | | Av'ge for 20 yrs. 1853-72 | In the years | |
| | | 1873 | 1874 | | 1873 | 1874 | | 1873 | 1874 |
| England and Wales .. | 22.4 | 21.1 | 22.3 | 34.8 | 35.5 | 36.2 | 16.9 | 17.6 | 17.1 |
| Denmark | 20.3 | 18.6 | 19.9 | 31.6 | 30.7 | 30.8 | 15.9 | 16.2 | 16.4 |
| Sweden | 20.4 | 17.2 | 20.3 | 32.0 | 33.8 | 30.9 | 14.1 | 14.6 | 14.5 |
| Austria | 31.9 | 38.5 | 31.3 | 40.2 | 40.3 | 40.1 | 17.3 | 18.5 | 17.9 |
| Prussia | 27.2 | 25.0 | 25.8 | 37.7 | 39.7 | 40.1 | 17.1 | 20.3 | 19.4 |
| The Netherlands | 25.7 | 24.0 | 22.6 | 31.3 | 36.0 | 31.1 | 15.9 | 17.0 | 16.6 |
| France | 24.4 | 23.3 | 21.6 | 26.1 | 26.1 | 26.2 | 15.9 | 17.7 | 16.5 |
| Spain* | 29.7 | ..... | ..... | 37.2 | ..... | ..... | 15.1 | ..... | ..... |
| Italy* | 30.2 | 30.0 | 30.3 | 37.4 | 36.3 | 34.9 | 15.4 | 15.8 | 15.2 |

* The mean annual rates for Spain are for the ten years 1861-70, those for Italy are for the ten years 1863-72.

It will be seen from the above table that the death-rate is much higher in Italy, Austria, Spain, and Prussia, than in France or England, while the mortality of the most northern countries of Europe—Denmark and Sweden—is less by ten per cent than in Great Britain, and 50 per cent lower than in Italy or Austria.

VITAL STATISTICS OF ENGLAND FOR 37 YEARS—1838-1874.

[From the 37th Annual Report of the Registrar-General.]

| Years ended Dec. 31. | Estimated population in the middle of each year. | Deaths. | Births. | Persons married. | Excess of births over deaths. | To 1000 PERSONS LIVING. | | |
|----------------------|--|---------|---------|------------------|-------------------------------|-------------------------|---------|------------------|
| | | | | | | Deaths. | Births. | Persons married. |
| 1838... | 15,287,009 | 342,760 | 463,787 | 230,134 | 121,027 | 22.4 | 30.3 | 15.4 |
| 1839... | 15,514,255 | 338,984 | 492,574 | 246,332 | 153,590 | 21.8 | 31.7 | 15.9 |
| 1840... | 15,730,813 | 350,687 | 502,903 | 245,330 | 142,616 | 22.9 | 31.9 | 15.6 |
| 1841... | 15,929,492 | 343,847 | 512,158 | 244,902 | 168,311 | 21.6 | 32.2 | 15.4 |
| 1842... | 16,130,326 | 340,519 | 517,739 | 237,650 | 168,220 | 21.7 | 32.1 | 14.7 |
| 1843... | 16,332,228 | 346,445 | 527,825 | 247,636 | 180,880 | 21.2 | 32.3 | 15.2 |
| 1844... | 16,535,174 | 356,933 | 540,763 | 264,498 | 193,390 | 21.6 | 32.7 | 16.0 |
| 1845... | 16,739,136 | 349,366 | 543,521 | 287,496 | 194,155 | 20.9 | 32.5 | 17.2 |
| 1846... | 16,944,002 | 360,315 | 572,625 | 291,338 | 182,310 | 23.0 | 33.8 | 17.2 |
| 1847... | 17,150,018 | 423,304 | 539,965 | 271,690 | 116,661 | 24.7 | 31.5 | 15.8 |
| 1848... | 17,356,882 | 399,833 | 568,059 | 276,460 | 168,226 | 23.0 | 32.4 | 15.9 |
| 1849... | 17,564,666 | 440,839 | 578,159 | 283,766 | 137,320 | 25.1 | 32.9 | 16.3 |
| 1850... | 17,773,324 | 368,995 | 593,422 | 305,468 | 224,427 | 20.8 | 33.4 | 17.2 |
| 1851... | 17,982,949 | 365,396 | 615,865 | 306,412 | 220,469 | 22.0 | 34.2 | 17.2 |
| 1852... | 18,193,306 | 407,135 | 624,012 | 317,564 | 216,877 | 22.4 | 34.3 | 17.5 |
| 1853... | 18,404,368 | 421,097 | 612,391 | 329,040 | 191,294 | 22.9 | 33.3 | 17.9 |
| 1854... | 18,616,310 | 437,905 | 634,405 | 319,454 | 196,500 | 23.5 | 34.1 | 17.2 |
| 1855... | 18,829,000 | 425,708 | 635,043 | 304,236 | 209,340 | 22.6 | 33.7 | 16.2 |
| 1856... | 19,042,412 | 390,506 | 657,453 | 318,674 | 266,947 | 20.5 | 34.5 | 16.7 |
| 1857... | 19,256,516 | 419,815 | 663,071 | 318,194 | 243,256 | 21.8 | 34.4 | 16.5 |
| 1858... | 19,471,391 | 449,656 | 655,481 | 312,140 | 205,825 | 23.1 | 33.7 | 16.0 |
| 1859... | 19,686,701 | 440,751 | 669,881 | 335,446 | 249,100 | 22.4 | 35.0 | 17.0 |
| 1860... | 19,902,713 | 422,721 | 684,048 | 340,312 | 261,327 | 21.2 | 34.4 | 17.1 |
| 1861... | 20,119,314 | 435,114 | 696,406 | 327,412 | 261,292 | 21.6 | 34.6 | 16.3 |
| 1862... | 20,371,018 | 436,566 | 712,684 | 328,060 | 276,118 | 21.4 | 35.0 | 16.1 |
| 1863... | 20,625,855 | 473,837 | 727,417 | 347,030 | 253,580 | 23.0 | 35.3 | 16.8 |
| 1864... | 20,883,889 | 495,531 | 740,275 | 360,774 | 244,744 | 23.7 | 35.4 | 17.3 |
| 1865... | 21,145,151 | 490,909 | 748,069 | 370,948 | 257,160 | 23.2 | 35.4 | 17.5 |
| 1866... | 21,409,684 | 500,669 | 753,870 | 375,552 | 253,181 | 23.4 | 35.2 | 17.5 |
| 1867... | 21,677,595 | 471,073 | 768,349 | 358,308 | 297,276 | 21.7 | 35.4 | 16.5 |
| 1868... | 21,948,713 | 480,622 | 786,858 | 353,924 | 306,236 | 21.9 | 35.8 | 16.1 |
| 1869... | 22,223,399 | 494,823 | 773,361 | 353,940 | 278,533 | 22.3 | 34.8 | 15.9 |
| 1870... | 22,501,316 | 515,329 | 792,787 | 363,310 | 277,458 | 22.9 | 35.2 | 16.1 |
| 1871... | 22,782,812 | 514,879 | 797,428 | 380,224 | 282,549 | 22.6 | 35.0 | 16.7 |
| 1872... | 23,067,885 | 492,265 | 825,907 | 402,534 | 333,643 | 21.8 | 35.3 | 17.5 |
| 1873... | 23,356,414 | 492,530 | 839,778 | 411,230 | 337,256 | 21.1 | 35.5 | 17.6 |
| 1874... | 23,648,009 | 526,632 | 854,956 | 404,020 | 328,324 | 22.3 | 36.2 | 17.1 |

Average Annual Birth Rate, Death Rate, and Marriage Rate per 1000 of the Population.

| | Average annual birth-rate. | Average annual death-rate. | Surplus birth-rate over death-rate. | Average annual marriage-rate. |
|------------------------|----------------------------|----------------------------|-------------------------------------|-------------------------------|
| England and Wales..... | 34.9 | 22.2 | 12.7 | 16.8 |
| Sweden..... | 31.9 | 20.3 | 11.6 | 14.1 |
| Denmark..... | 31.6 | 20.2 | 11.4 | 15.9 |
| Prussia..... | 37.8 | 27.1 | 10.7 | 17.3 |
| Netherlands..... | 34.5 | 25.5 | 9.0 | 16.0 |
| Austria..... | 39.9 | 32.2 | 7.7 | 17.2 |
| Spain..... | 37.2 | 29.7 | 7.5 | 15.1 |
| Italy..... | 37.1 | 30.2 | 6.9 | 15.0 |
| France..... | 26.1 | 24.2 | 1.9 | 16.0 |

VITAL STATISTICS IN EUROPE.

Proportion of Births per Thousand of the Population during 22 Years from 1853 to 1874.

[From the 37th Annual Report of the Registrar-General of Great Britain.]

| | Engla'd and Wales. | France. | Prussia. | Austria. | Italy. | Spain. | Den- mark. | Nether- lands. | Sweden |
|-------------------|--------------------------|---------|----------|----------|--------|--------|---------------|-------------------|--------|
| 1853. | 33.3 | 25.9 | 37.1 | 40.8 | .... | .... | 31.9 | 33.0 | 31.4 |
| 1854. | 34.1 | 25.7 | 36.8 | 38.4 | .... | .... | 32.9 | 32.6 | 33.5 |
| 1855. | 33.7 | 25.1 | 34.5 | 36.9 | .... | .... | 32.1 | 32.0 | 31.8 |
| 1856. | 34.5 | 26.4 | 34.7 | 39.6 | .... | .... | 32.6 | 32.6 | 31.5 |
| 1857. | 34.4 | 26.0 | 38.6 | 42.9 | .... | .... | 33.2 | 34.6 | 32.4 |
| 1858. | 33.7 | 26.8 | 39.4 | 43.2 | .... | .... | 33.4 | 32.3 | 34.8 |
| 1859. | 35.0 | 28.0 | 39.8 | 43.2 | .... | .... | 33.8 | 34.9 | 35.0 |
| 1860. | 34.4 | 26.2 | 38.6 | 40.6 | .... | .... | 32.7 | 31.7 | 34.8 |
| 1861. | 34.4 | 26.9 | 37.5 | 40.0 | .... | 39.3 | 31.8 | 35.2 | 32.6 |
| 1862. | 35.6 | 26.5 | 37.0 | 40.3 | .... | 38.3 | 31.0 | 33.1 | 33.4 |
| 1863. | 35.3 | 26.9 | 39.3 | 39.9 | 39.1 | 37.4 | 31.1 | 36.1 | 33.6 |
| 1864. | 35.4 | 26.6 | 39.4 | 40.4 | 37.8 | 38.5 | 30.3 | 35.5 | 33.6 |
| 1865. | 35.4 | 26.5 | 39.1 | 39.1 | 38.3 | 37.9 | 31.4 | 35.9 | 32.8 |
| 1866. | 35.2 | 26.1 | 39.2 | 44.2 | 38.7 | 37.3 | 32.2 | 35.3 | 33.1 |
| 1867. | 35.4 | 26.2 | 36.9 | 34.7 | 36.5 | 37.3 | 30.5 | 35.2 | 30.8 |
| 1868. | 35.3 | 25.7 | 36.8 | 39.3 | 35.3 | 34.4 | 31.2 | 34.7 | 27.5 |
| 1869. | 34.8 | 25.7 | 37.7 | 40.2 | 37.0 | 35.7 | 29.5 | 34.5 | 28.2 |
| 1870. | 35.2 | 25.5 | 38.1 | 40.5 | 36.7 | 35.4 | 30.5 | 35.9 | 28.3 |
| 1871. | 35.0 | 22.6 | 33.8 | 39.9 | 37.0 | .... | 30.2 | 35.3 | 30.4 |
| 1872. | 35.8 | 26.8 | 39.7 | 39.9 | 37.8 | .... | 30.3 | 35.8 | 30.0 |
| 1873. | 35.5 | 26.1 | 39.7 | 40.3 | 36.3 | .... | 30.7 | 36.0 | 30.8 |
| 1874. | 36.2 | 26.2 | 40.1 | 40.1 | 34.9 | .... | 30.8 | 36.1 | 30.9 |
| Annual aver'g. | 34.9 | 26.1 | 37.8 | 39.9 | 37.1 | 37.2 | 31.6 | 34.5 | 31.9 |

Proportion of Deaths per Thousand of the Population during 22 Years from 1853 to 1874.

| | Engla'd and Wales. | France. | Prussia. | Austria. | Italy. | Spain. | Den- mark. | Nether- lands. | Sweden |
|-------------------|--------------------------|---------|----------|----------|--------|--------|---------------|-------------------|--------|
| 1853. | 22.9 | 22.0 | 29.0 | 35.0 | .... | .... | 24.3 | 24.5 | 23.7 |
| 1854. | 23.5 | 27.7 | 27.6 | 37.4 | .... | .... | 18.5 | 23.9 | 19.8 |
| 1855. | 22.6 | 26.1 | 30.6 | 46.0 | .... | .... | 20.1 | 28.1 | 21.5 |
| 1856. | 20.5 | 23.2 | 26.2 | 31.9 | .... | .... | 18.9 | 23.4 | 21.8 |
| 1857. | 21.8 | 23.8 | 28.2 | 29.6 | .... | .... | 21.9 | 27.3 | 27.6 |
| 1858. | 23.1 | 24.1 | 27.6 | 32.0 | .... | .... | 23.3 | 27.8 | 21.7 |
| 1859. | 22.4 | 27.0 | 25.7 | 30.7 | .... | .... | 20.4 | 31.2 | 20.1 |
| 1860. | 21.2 | 21.4 | 23.7 | 29.8 | .... | .... | 20.2 | 24.7 | 17.6 |
| 1861. | 21.6 | 23.2 | 25.3 | 31.4 | .... | 26.3 | 18.4 | 25.2 | 18.5 |
| 1862. | 21.4 | 21.7 | 24.5 | 30.9 | .... | 26.8 | 18.4 | 23.7 | 21.4 |
| 1863. | 23.0 | 22.5 | 26.0 | 31.1 | 30.8 | 23.5 | 18.3 | 23.2 | 19.3 |
| 1864. | 23.7 | 22.8 | 26.0 | 30.2 | 29.7 | 30.6 | 23.3 | 25.1 | 20.2 |
| 1865. | 23.2 | 24.8 | 27.2 | 31.0 | 29.8 | 32.8 | 23.2 | 25.8 | 19.4 |
| 1866. | 23.4 | 23.3 | 34.0 | 33.3 | 29.0 | 28.0 | 20.9 | 28.7 | 20.0 |
| 1867. | 21.7 | 22.7 | 25.6 | 28.1 | 34.2 | 29.1 | 20.0 | 23.6 | 19.6 |
| 1868. | 21.9 | 24.0 | 27.3 | 29.3 | 30.5 | 32.6 | 19.3 | 24.8 | 21.0 |
| 1869. | 22.3 | 23.5 | 25.9 | 28.9 | 27.7 | 32.6 | 19.1 | 23.0 | 23.3 |
| 1870. | 22.9 | 23.3 | 25.9 | 29.2 | 29.8 | 30.1 | 19.1 | 25.7 | 19.8 |
| 1871. | 22.6 | 34.8 | 28.4 | 30.0 | 30.0 | .... | 19.5 | 29.4 | 17.2 |
| 1872. | 21.3 | 22.0 | 29.3 | 32.4 | 30.7 | .... | 18.3 | 25.7 | 16.3 |
| 1873. | 21.1 | 23.3 | 28.0 | 38.5 | 30.0 | .... | 18.6 | 24.0 | 17.2 |
| 1874. | 22.3 | 31.6 | 25.8 | 31.3 | 30.3 | .... | 19.9 | 22.6 | 20.3 |
| Annual aver'g. | 22.2 | 24.2 | 27.1 | 32.2 | 30.2 | 29.7 | 20.2 | 25.5 | 20.3 |

Proportion of Marriages per Thousand of the Population during 22 Years from 1858 to 1874.

| | England and Wales. | France. | Prussia. | Austria. | Italy. | Spain. | Den- mark. | Nether- lands. | Sweden |
|-------------------|--------------------------|---------|----------|----------|--------|--------|---------------|-------------------|--------|
| 1853. | 17.9 | 15.5 | 17.0 | 16.8 | .... | .... | 18.5 | 15.5 | 14.4 |
| 1854. | 17.2 | 15.1 | 15.6 | 15.4 | .... | .... | 17.5 | 14.9 | 15.4 |
| 1855. | 16.2 | 15.8 | 15.2 | 14.6 | .... | .... | 17.1 | 14.5 | 15.0 |
| 1856. | 16.7 | 15.8 | 16.3 | 18.8 | .... | .... | 17.3 | 15.1 | 14.9 |
| 1857. | 16.5 | 16.3 | 18.6 | 17.6 | .... | .... | 18.0 | 15.8 | 15.5 |
| 1858. | 16.0 | 16.9 | 18.9 | 17.3 | .... | .... | 17.5 | 15.9 | 16.3 |
| 1859. | 17.0 | 16.4 | 16.7 | 14.8 | .... | .... | 16.9 | 16.3 | 16.6 |
| 1860. | 17.1 | 15.8 | 16.8 | 17.5 | .... | .... | 16.0 | 16.2 | 15.6 |
| 1861. | 16.3 | 16.3 | 15.9 | 17.1 | .... | 16.5 | 14.9 | 16.1 | 14.5 |
| 1862. | 16.1 | 16.2 | 16.8 | 18.0 | .... | 16.0 | 14.7 | 15.6 | 14.1 |
| 1863. | 16.8 | 16.0 | 17.3 | 17.3 | 16.3 | 15.3 | 15.0 | 16.5 | 14.5 |
| 1864. | 17.3 | 15.9 | 17.2 | 16.7 | 16.0 | 15.5 | 11.3 | 16.7 | 14.0 |
| 1865. | 17.5 | 15.8 | 18.1 | 16.0 | 18.0 | 15.7 | 17.8 | 16.9 | 14.1 |
| 1866. | 17.5 | 15.8 | 15.5 | 13.5 | 11.2 | 15.9 | 16.8 | 16.7 | 13.4 |
| 1867. | 16.5 | 15.7 | 18.6 | 17.8 | 13.4 | 14.2 | 15.8 | 16.7 | 12.2 |
| 1868. | 16.1 | 15.7 | 17.6 | 18.5 | 14.3 | 13.3 | 14.6 | 15.3 | 10.9 |
| 1869. | 15.9 | 16.4 | 17.3 | 20.7 | 15.9 | 16.2 | 14.7 | 15.5 | 11.3 |
| 1870. | 16.1 | 12.0 | 14.7 | 19.4 | 14.6 | 12.5 | 14.7 | 15.8 | 13.1 |
| 1871. | 16.7 | 14.4 | 15.9 | 19.0 | 14.9 | .... | 14.6 | 15.9 | 13.0 |
| 1872. | 17.5 | 19.5 | 20.6 | 18.4 | 15.0 | .... | 15.0 | 16.4 | 13.9 |
| 1873. | 17.6 | 17.7 | 20.3 | 18.5 | 15.8 | .... | 16.2 | 17.0 | 14.6 |
| 1874. | 17.1 | 16.5 | 19.4 | 17.9 | 15.2 | .... | 16.4 | 16.6 | 14.5 |
| Annual aver'g. | 16.8 | 16.0 | 17.3 | 17.2 | 15.0 | 15.1 | 15.9 | 16.0 | 14.1 |

VITAL STATISTICS OF FOREIGN CITIES.

[From the Reports of the Board of Health of the City of New York.]

| CITY. | Popula- tion. [Estimat- ed for 1873.] | No. of deaths. | Death rate per 1,000 inhabi- tants. | CITY. | Popula- tion. [Estimat- ed for 1873.] | No. of deaths. | Death rate per 1,000 inhabi- tants. |
|--------------------------------|---|-------------------|---|------------------------|---|-------------------|---|
| Algiers..... | 49,531 | 1,490 | 30.08 | London..... | 3,356,073 | 76,634 | 22.83 |
| Amsterdam... | 282,000 | 7,332 | 26.07 | Manchester... | 354,000 | 10,015 | 28.29 |
| Antwerp..... | 153,645 | 3,795 | 24.69 | Mayence..... | 47,483 | 1,396 | 29.40 |
| Basle..... | 50,000 | 1,167 | 23.34 | Messina..... | 111,854 | 3,234 | 28.91 |
| Berlin..... | 950,000 | 26,424 | 27.81 | Mexico..... | 225,000 | 6,963 | 30.94 |
| Birmingham.. | 355,540 | 8,990 | 25.28 | Milan..... | 271,135 | 9,272 | 34.19 |
| Bologna..... | 112,462 | 3,951 | 35.13 | Montreal..... | 165,000 | 4,954 | 30.02 |
| Bombay..... | 644,405 | 15,665 | 24.31 | Munich..... | 169,400 | 7,705 | 45.48 |
| Bordeaux..... | 194,055 | 5,190 | 26.74 | Newcastle.... | 135,500 | 4,033 | 29.76 |
| Brussels..... | 185,000 | 5,377 | 29.06 | Nice..... | 49,230 | 1,718 | 34.89 |
| Cadiz..... | 52,451 | 1,481 | 28.23 | Nottingham.. | 90,894 | 2,035 | 21.18 |
| Calcutta..... | 447,600 | 11,557 | 25.82 | Palermo..... | 223,424 | 6,259 | 28.46 |
| Christiania.... | 72,725 | 1,566 | 21.53 | Paris..... | 1,851,792 | 40,739 | 22.04 |
| Dresden..... | 179,678 | 6,257 | 34.82 | Pesth..... | 230,000 | 11,323 | 49.23 |
| Edinburgh.... | 205,322 | 4,577 | 21.97 | Quebec..... | 62,000 | 1,424 | 22.97 |
| Frankfort-on- the Main..... | 100,000 | 2,008 | 20.08 | Rome..... | 248,307 | 8,479 | 34.14 |
| Genoa..... | 135,282 | 4,972 | 36.75 | Rotterdam.... | 125,893 | 3,963 | 31.48 |
| Glasgow..... | 514,295 | 14,876 | 28.92 | Stockholm.... | 147,249 | 4,484 | 30.45 |
| The Hague.... | 94,595 | 2,470 | 26.05 | Stuttgart..... | 91,666 | 2,354 | 25.68 |
| Halifax..... | 31,582 | 739 | 23.39 | Sunderland... | 104,380 | 2,341 | 22.42 |
| Havana..... | 205,676 | 7,755 | 37.70 | Turin..... | 214,425 | 5,575 | 26.07 |
| Honolulu..... | 14,852 | 1,639 | 110.35 | Valparaiso.... | 95,000 | 6,135 | 64.58 |
| Lausanne..... | 26,520 | 645 | 24.32 | Venice..... | 135,644 | 4,919 | 36.26 |
| Leghorn..... | 97,096 | 3,046 | 31.37 | Vera Cruz.... | 15,500 | 1,093 | 70.51 |
| Leicester..... | 104,360 | 2,478 | 23.74 | Vienna..... | 700,000 | 24,701 | 35.28 |
| Leipsic..... | 110,000 | 2,869 | 26.08 | Wilna..... | 77,188 | 2,362 | 30.60 |
| Liverpool..... | 505,274 | 13,042 | 25.81 | Wolverh'pton | 70,000 | 1,726 | 24.65 |
| | | | | Zurich..... | 56,695 | 1,451 | 25.59 |

RATE OF MORTALITY IN AMERICAN CITIES.—NUMBER OF DEATHS PER ANNUM OUT OF 1,000 INHABITANTS.

[Compiled from the *Monthly Sanitarian*, New York, 1875-78.]

| | | 1875. (9 months.) | 1876. (1 year.) | 1877. (1 year.) | 1878. (10 months.) |
|----|--------------------------|----------------------|--------------------|--------------------|-----------------------|
| 1 | Baltimore | 21.23 | 21.26 | 21.25 | 19.19 |
| 2 | Boston | 25. | 23.58 | 20.43 | 20.85 |
| 3 | Brooklyn | 25.01 | 24.92 | 21.61 | 20.23 |
| 4 | Buffalo, N. Y. .... | ..... | 16.61 | 10.43 | ..... |
| 5 | Charleston, S. C. | 34.60 | 30.72 | 24.34 | 28.96 |
| 6 | Chicago | 20.29 | 20.42 | 18.24 | 15.75 |
| 7 | Cincinnati | 20.39 | 23.10 | 17.81 | 16.59 |
| 8 | Dayton, O. | 14.22 | 14.04 | 12.29 | 13.07 |
| 9 | Detroit, Mich. .... | ..... | 15.97 | 14. | ..... |
| 10 | Elmira, N. Y. | 17.01 | 15.56 | 14.53 | 18.66 |
| 11 | Erie, Pa. | 18.74 | 13.40 | 13.71 | 13.10 |
| 12 | Knoxville, Tenn. | 14.25 | 12.92 | 14.72 | ..... |
| 13 | Memphis, Tenn. | 29.79 | 24.78 | 26.06 | ..... |
| 14 | Mobile, Ala. | 22. | 24.34 | 24.14 | 21.19 |
| 15 | Milwaukee, Wis. | 14.64 | 18.78 | 16.84 | 18.43 |
| 16 | Nashville, Tenn. | 43.17 | 31.82 | 29.57 | 21.77 |
| 17 | Newark, N. J. | 20.29 | 27.15 | 23.17 | ..... |
| 18 | New Haven, Conn. | 20.79 | 17.89 | 19.66 | 18.18 |
| 19 | New Orleans, La. | 27.80 | 26.89 | 34.83 | 32.42 |
| 20 | New York | 20.79 | 27.23 | 24.36 | 25.47 |
| 21 | Paterson, N. J. | 30.94 | 26.72 | 24.23 | 21.24 |
| 22 | Petersburg, Va. | 31.06 | 31.31 | 24.46 | ..... |
| 23 | Philadelphia | 24.85 | 24.51 | 19.02 | 18.20 |
| 24 | Pittsburgh, Pa. | 21.69 | 21.90 | 23.87 | 23.41 |
| 25 | Providence, R. I. | 18.94 | 18.30 | 18.81 | 19.47 |
| 26 | Reading, Pa. | 19.55 | 27.95 | 22.50 | ..... |
| 27 | Richmond, Va. | 24.97 | 22.18 | 21.93 | 19.05 |
| 28 | Rochester, N. Y. | 24.39 | 21.27 | 18.41 | 14.82 |
| 29 | San Francisco | 19.23 | 18.89 | 19.86 | 15.56 |
| 30 | Selma, Ala. | 22.53 | 16.87 | 19.63 | 30.81 |
| 31 | St. Louis | 16.19 | 13.48 | 11.69 | 12.42 |
| 32 | Syracuse, N. Y. .... | ..... | 10.26 | 13.20 | 11.53 |
| 33 | Toledo, O. | 24.90 | 14.80 | 13.54 | 12.32 |
| 34 | Washington, D. C.* | 29.03 | 25.81 | 24.39 | 27.23 |
| 35 | Wheeling, W. Va. | 18.06 | 21.35 | 16.78 | ..... |
| 36 | Yonkers, N. Y. | 19.29 | 23.37 | 17.81 | 14.40 |

* The mortality rate of the colored population in Washington was reported by the Board of Health at 44.50; that of the white population at only 18.27.

NOTE.—The statement is made, on high medical authority, that trustworthy statistics of births, deaths, and marriages are not kept in more than three cities in the United States.

AMERICAN PETROLEUM.

Twenty years ago this article was little known. The first artificial well was sunk in August, 1859. Now there is an annual production in this country of about 15,000,000 barrels (or 600 million gallons), and from \$40,000,000 to \$60,000,000 worth is exported to other countries annually—our exports ranging in importance, according to valuation—first, cotton; second, flour and grain; third, hog products (lard, hams and salt pork); and fourth, petroleum. There are more than 10,000 oil wells flowing or being sunk, and probably over \$10,000,000 invested in the business in one way and another. Fifteen million barrels (forty gallons to a barrel) of this oil would fill 9,600,000 lamps holding half a pint each, or about seven such lamps for every man, woman, and child on our globe. All this has *come to light*, from the bowels of the earth, in less than twenty years, during which time we have not only used all the petroleum we have wanted ourselves, but have sent to other lands nearly \$200,000,000 worth, at the low custom-house valuation.

EXPECTATION OF LIFE AT THE FOLLOWING AGES, CALCULATED IN YEARS AND HUNDREDTHS.

BY DR. WILLIAM FARR.

| Age. | Male. | Fem. | Age. | Male. | Fem. | Age. | Male. | Fem. | Age. | Male. | Fem. |
|------|-------|-------|------|-------|-------|------|-------|-------|------|-------|------|
| 0 | 39.91 | 41.85 | 25 | 36.12 | 37.04 | 50 | 19.54 | 20.75 | 75 | 6.49 | 6.93 |
| 1 | 46.65 | 47.81 | 26 | 35.44 | 36.39 | 51 | 18.90 | 20.09 | 76 | 6.15 | 6.56 |
| 2 | 43.83 | 49.40 | 27 | 34.77 | 35.75 | 52 | 18.23 | 19.42 | 77 | 5.82 | 6.21 |
| 3 | 49.61 | 50.20 | 28 | 34.10 | 35.10 | 53 | 17.67 | 18.75 | 78 | 5.51 | 5.83 |
| 4 | 49.81 | 50.43 | 29 | 33.43 | 34.46 | 54 | 17.06 | 18.08 | 79 | 5.21 | 5.56 |
| 5 | 49.71 | 50.33 | 30 | 32.76 | 33.81 | 55 | 16.45 | 17.43 | 80 | 4.93 | 5.26 |
| 6 | 49.39 | 50.00 | 31 | 32.09 | 33.17 | 56 | 15.83 | 16.79 | 81 | 4.66 | 4.98 |
| 7 | 48.92 | 49.53 | 32 | 31.42 | 32.53 | 57 | 15.26 | 16.17 | 82 | 4.41 | 4.71 |
| 8 | 48.37 | 48.96 | 33 | 30.74 | 31.86 | 58 | 14.68 | 15.55 | 83 | 4.17 | 4.45 |
| 9 | 47.74 | 48.35 | 34 | 30.07 | 31.23 | 59 | 14.10 | 14.94 | 84 | 3.95 | 4.21 |
| 10 | 47.05 | 47.67 | 35 | 29.40 | 30.59 | 60 | 13.53 | 14.34 | 85 | 3.73 | 3.98 |
| 11 | 46.31 | 46.95 | 36 | 28.73 | 29.94 | 61 | 12.96 | 13.75 | 86 | 3.53 | 3.76 |
| 12 | 45.54 | 46.20 | 37 | 28.06 | 29.29 | 62 | 12.41 | 13.17 | 87 | 3.34 | 3.56 |
| 13 | 44.76 | 45.44 | 38 | 27.39 | 28.64 | 63 | 11.87 | 12.60 | 88 | 3.16 | 3.36 |
| 14 | 43.97 | 44.68 | 39 | 26.72 | 27.99 | 64 | 11.34 | 12.05 | 89 | 3.00 | 3.18 |
| 15 | 43.18 | 43.90 | 40 | 26.06 | 27.34 | 65 | 10.82 | 11.51 | 90 | 2.84 | 3.01 |
| 16 | 42.40 | 43.14 | 41 | 25.39 | 26.69 | 66 | 10.32 | 10.98 | 91 | 2.69 | 2.85 |
| 17 | 41.64 | 42.40 | 42 | 24.73 | 26.03 | 67 | 9.83 | 10.47 | 92 | 2.55 | 2.70 |
| 18 | 40.90 | 41.67 | 43 | 24.07 | 25.38 | 68 | 9.36 | 9.97 | 93 | 2.41 | 2.55 |
| 19 | 40.17 | 40.97 | 44 | 23.41 | 24.72 | 69 | 8.90 | 9.48 | 94 | 2.29 | 2.42 |
| 20 | 39.48 | 40.29 | 45 | 22.76 | 24.06 | 70 | 8.45 | 9.02 | 95 | 2.17 | 2.29 |
| 21 | 38.80 | 39.63 | 46 | 22.11 | 23.40 | 71 | 8.03 | 8.57 | 96 | 2.06 | 2.17 |
| 22 | 38.13 | 38.96 | 47 | 21.46 | 22.74 | 72 | 7.62 | 8.13 | 97 | 1.95 | 2.06 |
| 23 | 37.46 | 38.33 | 48 | 20.82 | 22.08 | 73 | 7.22 | 7.71 | 98 | 1.85 | 1.96 |
| 24 | 36.79 | 37.63 | 49 | 20.17 | 21.42 | 74 | 6.85 | 7.31 | 99 | 1.76 | 1.86 |
| | | | | | | | | | 100 | 1.68 | 1.76 |

THE METALLIC MONEY OF ROME.

[Condensed from Mommsen, Gibbon, etc.]

DURING nearly three centuries, representing the earlier period of the Roman Republic, the current money consisted of bronze coins alone. This coinage was at first merely cast, but finally came to be stamped. Silver was first introduced into the coinage in the 487th year of Rome (B.C. 286), and from that time on it continued, although frequently debased, to be the principal money of account. The *denarius*, worth from fourteen to sixteen cents of our money, was the silver coin in which most reckonings were made. The Roman *denarius* was worth about four sesterces, the latter coin, the smallest in use, being about four cents in value. Gold currency came in about two centuries before the Christian era; but it was of trifling amount prior to the conquests of Julius Cæsar, which opened up the gold mines of Spain to Roman cupidity. The bronze coins which continued until near the Christian era were gradually displaced by copper and brass. About the third century, brass was in its turn displaced by copper, which was thereafter exclusively used for the inferior coinage, while gold seems never to have become a monetary standard. In fact, most

of the gold amassed at the city of Rome was in bars. The Roman Government, even after gold became plentiful, adhered in its monetary system, with strictly conservative policy, steadfastly to the rule of coining silver only, with copper as subsidiary coins of trifling value. In the year of Rome 597, history records that the Roman treasury contained 17,410 Roman pounds of gold, 18,230 pounds of coined silver, and 22,070 of uncoined silver. The legal ratio of gold to silver was one pound of gold to 4000 sesterces, or one of gold to 11.91 silver.

It will thus be seen that silver was rated at least fifty per cent higher in relation to gold, near the beginning of the Christian era, than it is now reckoned. The silver coin, up to the time of Augustus Cæsar, was almost absolutely pure, and specimens of it still remaining are found to be $\frac{1000}{1000}$ to $\frac{1000}{1000}$ fine. Shortly after, however, the debasement of coinage, common to all countries of which history presents any record, set in. Thus, the silver coinage in the time of Nero was worth only 82 per cent of its face; in the time of Vespasian (A.D. 69) it ranged from 78 to 85 per cent. In the year 200, during the reign of Septimius Severus, set in the era of the largest debasement of silver coin; and fifty years later, in the bad days of Elagabalus and Philip, the coinage contained barely forty-five per cent of silver, the alloy being copper, with a small portion of tin to lend color to the fraud. Coins of this period still existing show that the emperors of those days resorted to the expedient of issuing copper with a mere plating of silver. The following table will show how the Roman *denarii* were debased under the empire:

| DENARIII. | Weight in Grains. | Pure Silver. | DENARIII. | Weight in Grains. | Pure Silver. |
|--------------------------|-------------------|--------------|-----------------|-------------------|--------------|
| General Consular Period, | 60.1 | 59.8 | Nero..... | 55.6 | 51.7 |
| Republic..... | 59.5 | 59.3 | Hadrian | 49.2 | 41.0 |
| Augustus Cæsar..... | 57.6 | 56.2 | Elagabalus..... | 44.2 | 15.3 |

Mommsen says that for a long period gold and silver stood side by side as general means of payment. The giving of one metal for the other was not as a rule optional, but payment was to be in gold or silver, according to the tenor of the bargain.

The debasement of Roman coinage fills a conspicuous place in ancient history. Pliny says that the Emperors uttered large sums of base metal with the Roman stamp. Dion Cassius tells us that Caracalla issued pieces of brass washed with gold, and copper plated with silver. Four out of five of all the *denarii* of Claudius were plated. It was the same with those issued in the reign of Claudius Drusus.

The coinage of brass, or alloyed *denarii*, under the succeeding emperors, proves that silver had become of still greater scarcity. Yet this base money had to be accepted like full valued silver, though it was nothing but a token money, with compulsory circulation.

In 663 Claudius Drusus proposed the issue of one plated *denarius* for every seven of silver issuing from the mint. This "watering" of the currency appears to have been designed to leave the public uncertain whether it was receiving token money or silver. During the civil war a monetary panic was created by the quantity of bad money afloat. The amount of plated and partially worthless pieces rendered all commercial transactions extremely insecure. Accordingly, during the government of Cinna, a law was made for redeeming all the token money by means of silver, and for that purpose an assay office was established.

NEWSPAPERS AND PERIODICALS IN THE UNITED STATES, 1850-1878.

[From the Official Returns of the U. S. Census for 1850, 1860, and 1870, from Rowell's Newspaper Directory for 1877, and from Pettengill's Newspaper Directory for 1878.]

| STATES AND TERRITORIES. | 1850. | | 1860. | | 1870. | | 1877. | 1878. |
|---------------------------|-------|--------------|-------|--------------|-------|--------------|---------------------|---------------------|
| | No. | Circulation. | No. | Circulation. | No. | Circulation. | No. of Periodicals. | No. of Periodicals. |
| 1 Alabama..... | 60 | 34,282 | 96 | 93,595 | 83 | 91,165 | 86 | 85 |
| 2 Arizona..... | | | | | 1 | 280 | 4 | 5 |
| 3 Arkansas..... | 9 | 7,250 | 37 | 39,812 | 56 | 29,830 | 65 | 69 |
| 4 California..... | 7 | 4,619 | 121 | 229,898 | 201 | 491,908 | 250 | 237 |
| 5 Colorado..... | | | | | 14 | 12,750 | 49 | 39 |
| 6 Connecticut..... | 46 | 53,670 | 55 | 96,536 | 71 | 208,725 | 111 | 121 |
| 7 Dakota..... | | | | | 3 | 1,652 | 17 | 24 |
| 8 Delaware..... | 10 | 7,500 | 11 | 16,144 | 17 | 20,960 | 23 | 22 |
| 9 Dist. of Columbia | 18 | 100,073 | 13 | 69,510 | 22 | 81,400 | 26 | 28 |
| 10 Florida..... | 10 | 5,750 | 22 | 15,500 | 23 | 10,545 | 30 | 35 |
| 11 Georgia..... | 51 | 64,155 | 105 | 180,972 | 110 | 150,967 | 137 | 137 |
| 12 Idaho..... | | | | | 6 | 2,750 | 9 | 5 |
| 13 Illinois..... | 107 | 88,050 | 286 | 356,159 | 505 | 1,728,541 | 709 | 627 |
| 14 Indiana..... | 107 | 63,188 | 186 | 159,861 | 298 | 363,542 | 357 | 376 |
| 15 Iowa..... | 29 | 22,500 | 130 | 89,240 | 233 | 219,090 | 401 | 390 |
| 16 Kansas..... | | | 27 | 21,020 | 97 | 96,903 | 170 | 171 |
| 17 Kentucky..... | 62 | 79,868 | 77 | 179,597 | 89 | 197,130 | 134 | 153 |
| 18 Louisiana..... | 55 | 80,288 | 81 | 120,550 | 92 | 84,165 | 86 | 83 |
| 19 Maine..... | 49 | 63,439 | 70 | 126,169 | 65 | 170,690 | 86 | 93 |
| 20 Maryland..... | 68 | 124,779 | 87 | 122,244 | 88 | 235,450 | 110 | 112 |
| 21 Massachusetts..... | 209 | 718,221 | 222 | 1,266,980 | 259 | 1,692,124 | 229 | 245 |
| 22 Michigan..... | 58 | 52,690 | 118 | 128,848 | 211 | 253,774 | 306 | 291 |
| 23 Minnesota..... | | | 49 | 82,554 | 95 | 110,778 | 146 | 134 |
| 24 Mississippi..... | 50 | 30,555 | 73 | 88,737 | 111 | 71,868 | 92 | 103 |
| 25 Missouri..... | 61 | 70,235 | 173 | 354,007 | 279 | 522,886 | 370 | 297 |
| 26 Montana..... | | | | | 10 | 19,580 | 10 | 12 |
| 27 Nebraska..... | | | 14 | 9,750 | 42 | 31,000 | 109 | 113 |
| 28 Nevada..... | | | | | 12 | 11,300 | 24 | 25 |
| 29 New Hampshire..... | 38 | 60,226 | 20 | 19,700 | 51 | 173,919 | 66 | 68 |
| 30 New Jersey..... | 51 | 44,521 | 90 | 162,016 | 122 | 205,500 | 173 | 196 |
| 31 New Mexico..... | 2 | 1,150 | 2 | 1,150 | 5 | 1,125 | 7 | 9 |
| 32 New York..... | 428 | 1,624,756 | 542 | 6,084,636 | 635 | 7,561,497 | 1,043 | 1,175 |
| 33 North Carolina..... | 51 | 35,252 | 74 | 79,374 | 64 | 64,520 | 89 | 104 |
| 34 Ohio..... | 261 | 289,463 | 340 | 1,121,682 | 395 | 1,388,367 | 584 | 635 |
| 35 Oregon..... | 2 | 1,134 | 16 | 27,620 | 35 | 45,750 | 44 | 49 |
| 36 Pennsylvania..... | 310 | 984,777 | 367 | 1,432,695 | 540 | 3,419,765 | 704 | 762 |
| 37 Rhode Island..... | 19 | 24,472 | 26 | 49,690 | 32 | 82,650 | 29 | 33 |
| 38 South Carolina..... | 46 | 53,743 | 45 | 53,870 | 55 | 80,900 | 72 | 71 |
| 39 Tennessee..... | 50 | 67,672 | 83 | 176,908 | 91 | 225,162 | 134 | 140 |
| 40 Texas..... | 34 | 18,305 | 89 | 108,038 | 112 | 55,250 | 181 | 197 |
| 41 Utah..... | | | 2 | 6,300 | 10 | 14,250 | 9 | 15 |
| 42 Vermont..... | 35 | 45,961 | 31 | 47,415 | 47 | 71,390 | 63 | 63 |
| 43 Virginia (a)..... | 87 | 87,768 | 139 | 301,622 | 114 | 143,840 | 125 | 129 |
| 44 Washington..... | | | 4 | 2,350 | 14 | 6,785 | 18 | 23 |
| 45 West Virginia (a)..... | | | | | 59 | 54,432 | 81 | 74 |
| 46 Wisconsin..... | 46 | 33,015 | 155 | 139,145 | 190 | 243,385 | 268 | 230 |
| 47 Wyoming..... | | | | | 6 | 1,950 | 5 | 7 |
| Total..... | 2,526 | 5,142,177 | 4,051 | 13,663,409 | 5,871 | 20,842,475 | 7,941 | 8,133 |

(a) In 1860 and 1860 Virginia included West Virginia.

INTEREST LAWS IN THE UNITED STATES.

[Compiled from the latest State and Territorial Statutes.]

Laws of each State and Territory regarding Rates of Interest and Penalties for Usury, with the Law or Custom as to Days of Grace on Notes and Drafts.

| STATES AND TERRITORIES. | Legal Rate of Interest | Rate Allowed by Contract. | PENALTIES FOR USURY. | Grace or No Grace. |
|-------------------------|------------------------|---------------------------|-------------------------------------|--------------------|
| | pr. ct. | per cent. | | |
| Alabama..... | 8 | 8 | Forfeiture of entire interest. | Grace. |
| Arizona..... | 10 | Any rate. | None. | Grace. |
| Arkansas..... | 6 | 10 | Forft. of principal and interest. | No statute. |
| California..... | 10 | Any rate. | None. | No grace. |
| Colorado..... | 10 | Any rate. | None, except of excess. | Grace. |
| Connecticut..... | 7 | 7 | Forfeiture of principal. | Grace. |
| Dakota..... | 7 | 12 | Forfeiture of interest. | Grace. |
| Delaware..... | 6 | 6 | Forfeiture of principal. | Grace. |
| Dist. of Columb. | 6 | 10 | Forfeiture of entire interest. | Grace. |
| Florida..... | 8 | Any rate. | None. | No statute. |
| Georgia..... | 7 | Any rate. | None. | Grace. |
| Idaho..... | 10 | 24 | Fine of \$100 or imprisonment. | No grace. |
| Illinois..... | 6 | 10 | Forfeiture of entire interest. | Grace. |
| Indiana..... | 6 | 10 | Forfeiture of excess of interest. | Grace. |
| Iowa..... | 6 | 10 | Forfeit. of 10 pr. ct. on amount. | Grace. |
| Kansas..... | 7 | 12 | Forfeiture of excess of interest. | Grace. |
| Kentucky..... | 6 | 10 | Forfeiture of entire interest. | Grace. |
| Louisiana..... | 5 | 8 | Forfeiture of entire interest. | Grace. |
| Maine..... | 6 | Any rate. | None. | Grace. |
| Maryland..... | 6 | 6 | Forfeiture of excess of interest. | Grace. |
| Massachusetts... | 6 | 6 | Threefold amount of interest. | Grace. |
| Michigan..... | 7 | 10 | None. | Grace. |
| Minnesota..... | 7 | 12 | Forfeiture of excess over 12 p.c. | Grace. |
| Mississippi..... | 6 | 10 | Forfeiture of excess of interest. | Grace. |
| Missouri..... | 6 | 10 | Forfeiture of entire interest. | Grace. |
| Montana..... | 10 | Any rate. | None. | No grace. |
| Nebraska..... | 10 | 12 | Forfeiture of interest and cost. | Grace. |
| Nevada..... | 10 | Any rate. | None. | Grace. |
| New Hampshire... | 6 | 6 | Forfeiture of thrice the excess. | Grace. |
| New Jersey..... | 6 | 6 | Forfeiture of entire interest. | Grace. |
| New Mexico..... | 6 | 12 | Forfeiture of entire interest. | No statute. |
| New York..... | 7 | 7 | Fine of \$1,000 or imprisonment. | Grace. |
| North Carolina... | 6 | 8 | Forfeiture of entire interest. | Grace. |
| Ohio..... | 6 | 8 | Forfeiture of excess above 6 p.c. | Grace. |
| Oregon..... | 10 | 12 | Forfeiture of principal and int. | Grace. |
| Pennsylvania.... | 6 | 6 | Forfeiture of excess of interest. | Grace. |
| Rhode Island.... | 6 | Any rate. | None. | Grace. |
| South Carolina... | 7 | Any rate. | None. | Grace. |
| Tennessee..... | 6 | 10 | Forfeit. of exc. int. & \$100 fine. | Grace. |
| Texas..... | 8 | Any rate. | None. | Grace. |
| Utah..... | 10 | Any rate. | None. | Grace. |
| Vermont..... | 6 | 6 | Forfeiture of excess of interest. | Grace. |
| Virginia..... | 6 | 8 | Forfeiture of excess over 6 p. c. | Grace. |
| Washington Ter. | 10 | Any rate. | None. | ..... |
| West Virginia... | 6 | 6 | Forfeiture of excess of interest. | Grace. |
| Wisconsin..... | 7 | 10 | Forfeiture of entire interest. | Grace. |
| Wyoming..... | 12 | Any rate. | None. | Grace. |

From the *Financial Review*, 1977.

COMPOUND INTEREST TABLE.

Showing the Accumulation of Principal and Interest on one Dollar, at various rates per Annum, from 3 to 10 per cent., the Interest being compounded semi-annually.

| No. of Years. | 3 per cent. | 4 per cent. | 4½ per cent. | 5 per cent. | 6 per cent. | 7 per cent. | 7½ per cent. | 8 per cent. | 10 per cent. |
|---------------|-------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|--------------|
| 1.... | \$1.0312 | \$1.0404 | \$1.0435 | \$1.0506 | \$1.0609 | \$1.0712 | \$1.0743 | \$1.0816 | \$1.1025 |
| 2.... | 1.0613 | 1.0824 | 1.0930 | 1.1039 | 1.1253 | 1.1475 | 1.1530 | 1.1692 | 1.2165 |
| 3.... | 1.0934 | 1.1261 | 1.1438 | 1.1696 | 1.1940 | 1.2292 | 1.2387 | 1.2646 | 1.3400 |
| 4.... | 1.1264 | 1.1715 | 1.1948 | 1.2184 | 1.2667 | 1.3168 | 1.3308 | 1.3678 | 1.4773 |
| 5.... | 1.1605 | 1.2188 | 1.2431 | 1.2800 | 1.3439 | 1.4105 | 1.4298 | 1.4794 | 1.6237 |
| 6.... | \$1.1956 | \$1.2681 | \$1.3004 | \$1.3448 | \$1.4237 | \$1.5110 | \$1.5360 | \$1.6002 | \$1.7937 |
| 7.... | 1.2317 | 1.3193 | 1.3643 | 1.4129 | 1.5125 | 1.6186 | 1.6502 | 1.7307 | 1.9747 |
| 8.... | 1.2699 | 1.3725 | 1.4264 | 1.4845 | 1.6047 | 1.7389 | 1.7729 | 1.8720 | 2.1897 |
| 9.... | 1.3078 | 1.4231 | 1.4913 | 1.5596 | 1.7034 | 1.8574 | 1.9047 | 2.0247 | 2.4064 |
| 10.... | 1.3463 | 1.4838 | 1.5592 | 1.6383 | 1.8061 | 1.9897 | 2.0462 | 2.1899 | 2.6583 |
| 11.... | \$1.3875 | \$1.5453 | \$1.6301 | \$1.7234 | \$1.9161 | \$2.1315 | \$2.1982 | \$2.3687 | \$2.9230 |
| 12.... | 1.4295 | 1.6083 | 1.7044 | 1.8086 | 2.0396 | 2.2833 | 2.3617 | 2.5619 | 3.2248 |
| 13.... | 1.4737 | 1.6732 | 1.7830 | 1.9001 | 2.1564 | 2.4459 | 2.5372 | 2.7710 | 3.5558 |
| 14.... | 1.5172 | 1.7408 | 1.8631 | 1.9968 | 2.2878 | 2.6201 | 2.7258 | 2.9971 | 3.9198 |
| 15.... | 1.5630 | 1.8111 | 1.9479 | 2.0988 | 2.4271 | 2.8068 | 2.9284 | 3.2417 | 4.3316 |
| 16.... | \$1.6103 | \$1.8843 | \$2.0365 | \$2.2027 | \$2.5740 | \$3.0067 | \$3.1461 | \$3.5062 | \$4.7645 |
| 17.... | 1.6589 | 1.9604 | 2.1372 | 2.3142 | 2.7317 | 3.2308 | 3.3800 | 3.7823 | 5.2520 |
| 18.... | 1.7071 | 2.0396 | 2.2240 | 2.4313 | 2.8981 | 3.4502 | 3.6312 | 4.1018 | 5.7883 |
| 19.... | 1.7637 | 2.1210 | 2.3232 | 2.5544 | 3.0746 | 3.6960 | 3.9011 | 4.4365 | 6.3316 |
| 20.... | 1.8140 | 2.2078 | 2.4310 | 2.6837 | 3.2618 | 3.9592 | 4.1911 | 4.7985 | 7.0362 |
| 21.... | \$1.8696 | \$2.2970 | \$2.5415 | \$2.8196 | \$3.4605 | \$4.2412 | \$4.5026 | \$5.1900 | \$7.7574 |
| 22.... | 1.9238 | 2.3899 | 2.6572 | 2.9324 | 3.6712 | 4.5453 | 4.8378 | 5.6186 | 8.5523 |
| 23.... | 1.9835 | 2.4863 | 2.7781 | 3.1128 | 3.8948 | 4.8669 | 5.1969 | 6.0716 | 9.4292 |
| 24.... | 2.0434 | 2.5863 | 2.9045 | 3.2999 | 4.1280 | 5.2186 | 5.5832 | 6.5670 | 10.3957 |
| 25.... | 2.1032 | 2.6912 | 3.0867 | 3.4854 | 4.3866 | 5.5849 | 5.9982 | 7.1030 | 11.4312 |
| 26.... | \$2.1638 | \$2.8036 | \$3.1749 | \$3.6091 | \$4.6506 | \$5.9827 | \$6.4441 | \$7.6826 | \$12.6359 |
| 27.... | 2.2244 | 2.9181 | 3.3193 | 3.7921 | 4.9378 | 6.4068 | 6.9231 | 8.3094 | 13.9811 |
| 28.... | 2.2919 | 3.0318 | 3.4708 | 3.9341 | 5.2343 | 6.8653 | 7.4377 | 8.9375 | 15.3591 |
| 29.... | 2.3715 | 3.1543 | 3.6262 | 4.1358 | 5.5581 | 7.3543 | 7.9906 | 9.7208 | 16.9681 |
| 30.... | 2.4432 | 3.2818 | 3.7938 | 4.3977 | 5.8913 | 7.8781 | 8.5846 | 10.5143 | 18.6691 |
| 31.... | \$2.5170 | \$3.4144 | \$3.9660 | \$4.6203 | \$6.2500 | \$8.4391 | \$9.2227 | \$11.3742 | \$20.5827 |
| 32.... | 2.5931 | 3.5523 | 4.1465 | 4.8542 | 6.6307 | 9.0402 | 9.9087 | 12.3024 | 22.6924 |
| 33.... | 2.6715 | 3.6959 | 4.3351 | 5.0909 | 7.0345 | 9.6841 | 10.6458 | 13.9002 | 25.0184 |
| 34.... | 2.7522 | 3.8451 | 4.5324 | 5.3531 | 7.4629 | 10.3738 | 11.4366 | 14.8920 | 27.5828 |
| 35.... | 2.8354 | 4.0005 | 4.7387 | 5.6294 | 7.9174 | 11.1126 | 12.2897 | 15.5664 | 30.4081 |
| 36.... | \$2.9211 | \$4.1621 | \$4.9543 | \$5.9144 | \$8.3796 | \$11.9041 | \$13.2000 | \$16.8367 | \$33.5249 |
| 37.... | 3.0044 | 4.3392 | 5.1798 | 6.2133 | 8.9111 | 12.7620 | 14.1811 | 18.2105 | 36.9612 |
| 38.... | 3.1004 | 4.5032 | 5.4146 | 6.5284 | 9.4538 | 13.6709 | 15.2353 | 19.6965 | 40.7497 |
| 39.... | 3.1941 | 4.6872 | 5.6610 | 6.8569 | 10.0295 | 14.6446 | 16.3677 | 21.3083 | 44.9266 |
| 40.... | 3.2907 | 4.8766 | 5.9288 | 7.2061 | 10.6403 | 15.6877 | 17.5844 | 23.0422 | 49.5316 |
| 41.... | \$3.3901 | \$5.0738 | \$6.1986 | \$7.5709 | \$11.2833 | \$16.8050 | \$18.8915 | \$24.9224 | \$54.6086 |
| 42.... | 3.4926 | 5.2783 | 6.4807 | 7.9542 | 11.9758 | 18.0020 | 20.2956 | 26.9561 | 60.2059 |
| 43.... | 3.5982 | 5.4923 | 6.7756 | 8.3569 | 12.7051 | 19.2642 | 21.8043 | 29.1857 | 66.3771 |
| 44.... | 3.7070 | 5.7147 | 7.0840 | 8.7800 | 13.4832 | 20.6577 | 23.2150 | 31.5348 | 73.1807 |
| 45.... | 3.8191 | 5.9456 | 7.4062 | 9.2245 | 14.7287 | 22.1290 | 25.1663 | 34.1080 | 80.6817 |
| 46.... | \$3.9345 | \$6.1838 | \$7.7430 | \$9.6915 | \$15.6257 | \$23.7052 | \$27.0869 | \$36.8813 | \$88.9516 |
| 47.... | 4.0432 | 6.4357 | 8.0954 | 10.1822 | 16.5773 | 25.3936 | 29.0466 | 39.8908 | 98.0692 |
| 48.... | 4.1655 | 6.6957 | 8.4638 | 10.6987 | 17.5868 | 27.3022 | 31.2057 | 43.1459 | 107.1213 |
| 49.... | 4.2914 | 6.9662 | 8.8490 | 11.2333 | 18.6597 | 29.1397 | 33.5258 | 46.6666 | 118.1012 |
| 50.... | 4.4211 | 7.2477 | 9.2516 | 11.8072 | 19.7941 | 31.2141 | 36.0154 | 50.4746 | 130.2066 |

STATISTICS OF EXPENDITURE FOR PUBLIC SCHOOLS IN THE UNITED STATES IN 1877.

[From the Report of the Commissioner of Education for 1877.]

| STATES. | Salaries of Teachers. | Total Expended. | STATES. | Salaries of Teachers. | Total Expended. |
|---------------------|-----------------------|-----------------|---------------------|-----------------------|-----------------|
| | Dollars. | Dollars. | | Dollars. | Dollars. |
| Alabama..... | 384,993 | 392,493 | South Carolina..... | | 226,021 |
| Arkansas..... | *78,166 | *119,403 | Tennessee..... | 563,631 | 699,513 |
| California..... | 2,149,436 | 2,749,729 | Texas..... | | 496,083 |
| Colorado..... | 140,780 | 215,256 | Vermont..... | 420,823 | 537,153 |
| Connecticut..... | 1,058,682 | 1,510,223 | Virginia..... | 778,833 | 1,050,346 |
| Delaware..... | 114,027 | 218,025 | West Virginia.. | 531,645 | 793,272 |
| Florida..... | 74,628 | 101,722 | Wisconsin..... | 1,563,038 | 2,249,698 |
| Georgia..... | | | | | |
| Illinois..... | 5,000,000 | 7,393,593 | Total..... | 46,774,471 | 80,101,237 |
| Indiana..... | 3,049,094 | 4,673,766 | | | |
| Iowa..... | 2,953,645 | 5,197,423 | TERRITORIES : | | |
| Kansas..... | 824,966 | 1,328,376 | Arizona..... | 10,400 | 62,843 |
| Kentucky..... | 1,000,000 | 1,130,000 | Dakota..... | 15,629 | 637,668 |
| Louisiana..... | 295,504 | 360,829 | District of Col.. | 239,854 | 370,966 |
| Maine..... | 951,877 | 1,170,668 | Idaho..... | 14,876 | 16,500 |
| Maryland..... | 1,083,063 | 1,637,583 | Montana..... | 25,604 | 54,104 |
| Massachusetts..... | | 5,582,519 | New Mexico..... | 15,432 | 18,890 |
| Michigan..... | 1,941,338 | 3,187,913 | Utah..... | 127,430 | |
| Minnesota..... | 791,679 | 1,181,327 | Washington..... | | |
| Mississippi..... | | 481,215 | Wyoming..... | *10,400 | *16,400 |
| Missouri..... | | 2,374,960 | Indian : | | |
| Nebraska..... | 457,049 | 861,264 | Cherokees.... | 43,075 | 110,110 |
| Nevada..... | 101,016 | 162,760 | Creeks..... | 11,201 | 13,000 |
| New Hampshire..... | 429,021 | 604,654 | Choctaws.... | 12,000 | 29,022 |
| New Jersey..... | 1,481,124 | 1,939,902 | Seminole..... | 2,250 | 3,200 |
| New York..... | 7,915,634 | 12,110,903 | | | |
| North Carolina..... | 263,524 | 406,447 | Total..... | 533,910 | 732,823 |
| Ohio..... | 4,957,254 | 7,411,068 | | | |
| Oregon..... | 190,922 | 241,893 | | | |
| Pennsylvania..... | 4,817,563 | 8,583,379 | | | |
| Rhode Island..... | 412,543 | 725,962 | Grand Total.. | 47,308,381 | 80,834,110 |

(a) Estimated by State Superintendent.

(b) Includes balance on hand.

* From report of 1876.

THEOLOGICAL SEMINARIES IN THE UNITED STATES.

[From the Report of the Commissioner of Education for 1877.]

| DENOMINATION. | No. of Sem- inaries. | No. of Pro- fessors. | No. of Students. | DENOMINATION. | No. of Sem- inaries. | No. of Pro- fessors. | No. of Students. |
|-------------------------------------|-------------------------|-------------------------|---------------------|---------------------------------------|-------------------------|-------------------------|---------------------|
| Roman Catholic..... | 13 | 96 | 575 | Unsectarian..... | 2 | 17 | 120 |
| Protestant Episcopal .. | 16 | 65 | 263 | Reformed (Dutch)..... | 2 | 5 | 40 |
| Presbyterian..... | 16 | 82 | 674 | Universalist..... | 2 | 9 | 43 |
| Baptist..... | 16 | 62 | 772 | African Methodist Epis- copal..... | 1 | 6 | 8 |
| Lutheran..... | 13 | 38 | 252 | Mennonite..... | 1 | 4 | 50 |
| Congregational..... | 9 | 64 | 347 | Methodist..... | 1 | | |
| Methodist Episcopal..... | 7 | 46 | 333 | Moravian..... | 1 | 3 | 19 |
| Christian..... | 3 | 4 | 31 | New Jerusalem..... | 1 | 1 | |
| Reformed..... | 3 | 8 | 62 | Union Evangelical..... | 1 | 4 | 32 |
| United Presbyterian..... | 3 | 11 | 65 | Unitarian..... | 1 | 6 | 19 |
| Cumberland Presbyterian | 2 | 11 | 61 | United Brethren..... | 1 | 2 | 33 |
| Free Will Baptist..... | 2 | 10 | 43 | | | | |
| Methodist Episcopal (South)..... | 2 | 8 | 63 | Total..... | 124 | 562 | 3,965 |

SCHOOL STATISTICS OF THE UNITED STATES IN 1877.

[From the Annual Report of the Commissioner of Education for 1877.]

| STATES AND TERRITORIES. | School Age. | School Population. | Number from six to sixteen years. | Number enrolled in public schools. | Average daily attendance. | Average school days in year. |
|-------------------------|-------------|--------------------|-----------------------------------|------------------------------------|---------------------------|------------------------------|
| Alabama..... | 7-21 | 369,447 | ..... | 141,230 | 101,676 | 82 |
| Arkansas..... | 6-21 | 190,233 | ..... | 81,150 | ..... | ..... |
| California..... | 5-17 | 200,066 | 200,066 | 147,863 | 89,539 | 147 |
| Colorado..... | 6-21 | 21,612 | ..... | 14,065 | 8,141 | ..... |
| Connecticut..... | 4-16 | 137,099 | 114,219 | 119,208 | 75,822 | 177.5 |
| Delaware..... | 5-21 | 35,649 | ..... | 24,061 | ..... | ..... |
| Florida..... | 4-21 | 74,828 | *48,639 | 26,052 | 16,720 | ..... |
| Georgia..... | 6-18 | 394,087 | *354,633 | 179,405 | 115,121 | ..... |
| Illinois..... | 6-21 | 992,354 | ..... | 694,489 | 420,031 | ..... |
| Indiana..... | 6-21 | 694,706 | 521,030 | 496,726 | 298,324 | 128 |
| Iowa..... | 5-21 | 568,026 | 365,493 | 421,163 | 251,372 | 145 |
| Kansas..... | 5-21 | 232,861 | 135,750 | 157,919 | 118,612 | 108 |
| Kentucky..... | 6-20 | 512,808 | ..... | 248,000 | 160,000 | 110 |
| Louisiana..... | 6-21 | 266,053 | ..... | 85,000 | 54,890 | 135 |
| Maine..... | 4-21 | 217,417 | ..... | 155,428 | 104,318 | 117 |
| Maryland..... | 5-20 | 276,120 | ..... | 150,276 | 75,726 | 184 |
| Massachusetts..... | 5-15 | 297,202 | ..... | 307,832 | 222,704 | 175 |
| Michigan..... | 5-20 | 469,444 | ..... | 357,139 | 210,000 | 148 |
| Minnesota..... | 5-21 | 238,363 | ..... | 162,551 | ..... | 82 |
| Mississippi..... | 5-21 | 324,839 | ..... | 160,528 | 97,302 | 138 |
| Missouri..... | 6-20 | 725,728 | *560,562 | 394,848 | 2182,000 | 60 |
| Nebraska..... | 5-21 | 92,161 | ..... | 56,774 | ..... | 127 |
| Nevada..... | 6-18 | 8,473 | *7,628 | 5,521 | 3,892 | 142.8 |
| New Hampshire..... | 5-15 | 73,418 | ..... | 55,599 | 47,921 | 92 |
| New Jersey..... | 5-18 | 318,378 | ..... | 198,709 | 107,961 | 184 |
| New York..... | 5-21 | 1,566,224 | ..... | 1,023,715 | 559,537 | 178.5 |
| North Carolina..... | 6-21 | 408,296 | ..... | 201,459 | 104,173 | 60 |
| Ohio..... | 6-21 | 1,027,248 | 757,440 | 722,240 | 448,100 | 160 |
| Oregon..... | 4-20 | 50,649 | ..... | 45,584 | 30,389 | ..... |
| Pennsylvania..... | 6-21 | 1,200,000 | ..... | 907,412 | 575,597 | 148.94 |
| Rhode Island..... | 5-15 | 53,316 | ..... | 43,698 | 29,276 | 181 |
| South Carolina..... | 6-16 | 228,128 | 228,128 | 102,396 | ..... | ..... |
| Tennessee..... | 6-18 | 442,458 | ..... | 227,643 | 142,366 | 70 |
| Texas..... | 8-14 | 127,065 | ..... | 109,052 | ..... | 66 |
| Vermont..... | 5-20 | 92,923 | ..... | 72,909 | 45,318 | ..... |
| Virginia..... | 5-21 | 462,789 | 307,220 | 204,947 | 117,843 | 112 |
| West Virginia..... | 6-21 | 184,760 | *138,570 | 128,504 | 72,278 | 95.04 |
| Wisconsin..... | 4-20 | 478,388 | ..... | 291,270 | ..... | 149 |
| Total..... | | 14,098,778 | 3,759,438 | 8,869,385 | 4,886,289 | ..... |
| Arizona..... | 6-21 | 2,955 | ..... | 903 | 580 | 190 |
| Dakota..... | 5-21 | 11,046 | ..... | 6,431 | ..... | 75.6 |
| District of Col..... | 6-17 | 31,671 | 29,133 | 21,264 | 16,318 | 168 |
| Idaho..... | 5-18 | 2,777 | *2,360 | 2,724 | ..... | ..... |
| Montana..... | 4-21 | 4,892 | ..... | 4,597 | ..... | ..... |
| New Mexico..... | 7-18 | 229,312 | *21,916 | 5,151 | ..... | 132 |
| Utah..... | 6-16 | 30,792 | 30,792 | 19,779 | 13,420 | 146 |
| Washington..... | 4-21 | 12,997 | ..... | 5,385 | ..... | 130 |
| Wyoming..... | 7-21 | ..... | ..... | 1,690 | ..... | ..... |
| Indian: | | | | | | |
| Cherokees..... | 7-21 | 4,041 | *3,233 | 2,800 | 1,500 | 200 |
| Creeks..... | 10-18 | 716 | *787 | 616 | 448 | ..... |
| Choctaws..... | 6-20 | 2,300 | *1,840 | 1,133 | 745 | 168 |
| Seminoles..... | ..... | 471 | ..... | 157 | 108 | 180 |
| Total | | 133,970 | 93,061 | 72,630 | 33,119 | ..... |
| Grand Total..... | | 14,227,748 | 3,852,499 | 8,942,015 | 4,919,408 | ..... |

(a) For the winter; 68,533 for the summer.

(b) Estimated by the State Superintendent.

(c) United States census of 1870.

* Estimated by the Bureau.

UNIVERSITIES AND COLLEGES IN THE UNITED STATES.

[From the Report of the Commissioner of Education for 1877.]

| STATES AND TERRITORIES. | No. of Colleges. | PREPARATORY DEPARTMENT. | | COLLEGIATE DEPARTMENT. | | Income from Productive Funds. | Receipts last year from Tuition. | Volumes in College Libraries. | Value of Grounds, Buildings, and Apparatus. |
|-------------------------|------------------|-------------------------|------------------|------------------------|------------------|-------------------------------|----------------------------------|-------------------------------|---|
| | | No. of Instructors. | No. of Students. | No. of Instructors. | No. of Students. | | | | |
| | | | | | | <i>Dollars.</i> | <i>Dollars.</i> | | <i>Dollars.</i> |
| Alabama | 4 | 2 | 98 | 49 | 390 | 24,600 | 10,000 | 13,750 | 480,000 |
| Arkans. | 4 | 3 | 259 | 16 | 100 | 1,850 | 5,600 | 865 | 42,000 |
| Califor'a | 13 | 22 | 905 | 168 | 828 | 10,900 | 108,459 | 45,904 | 1,423,000 |
| Colorado | 2 | 3 | 114 | 4 | 3 | 8,000 | | | 130,000 |
| Conn'cut | 3 | | | 55 | 853 | 39,318 | 68,008 | 125,693 | 556,384 |
| Delaw're | 1 | 4 | 67 | 6 | 35 | 4,980 | 600 | 6,000 | 75,000 |
| Georgia. | 7 | 4 | 149 | 49 | 457 | 35,935 | 23,250 | 30,200 | 620,000 |
| Illinois. | 28 | 67 | 3,346 | 241 | 1,731 | 114,887 | 91,669 | 97,725 | 2,568,000 |
| Indiana. | 17 | 41 | 1,473 | 146 | 1,503 | 54,200 | 20,100 | 53,428 | 1,002,500 |
| Iowa.... | 18 | 45 | 2,317 | 135 | 993 | 55,067 | 36,274 | 38,390 | 923,000 |
| Kansas.. | 8 | 9 | 750 | 43 | 175 | 3,913 | 19,080 | 18,230 | 544,000 |
| Kent'ky. | 13 | 17 | £20 | 94 | 875 | 46,884 | 38,349 | 36,001 | 806,000 |
| Louis'na | 6 | 8 | 356 | 27 | 52 | | | 5,025 | 185,000 |
| Maine... | 3 | | | 28 | 393 | 35,400 | 20,734 | 36,200 | 505,000 |
| Maryl'd. | 8 | 18 | 347 | 58 | 301 | 181,734 | 6,590 | 25,146 | 200,500 |
| Mass'tts. | 7 | 7 | 300 | 131 | 1,573 | 275,549 | 206,107 | 250,491 | 1,203,000 |
| Michig'n | 9 | 21 | 773 | 104 | 765 | 80,963 | 6,162 | 43,000 | 1,123,000 |
| Min'sota | 5 | 1 | 497 | 53 | 170 | 26,821 | 5,026 | 18,008 | 286,136 |
| Missi'pi. | 4 | 10 | 528 | 24 | 283 | 1,850 | 3,730 | 8,877 | 547,405 |
| Missouri | 16 | 46 | 1,471 | 154 | 720 | 128,607 | 83,705 | 71,350 | 1,229,000 |
| Nebrask | 4 | 6 | 384 | 21 | 94 | | 5,700 | 2,750 | 220,000 |
| Nevada.. | 1 | 1 | 32 | | | | | | |
| N.Hamp. | 1 | | | 20 | 315 | 25,000 | 21,400 | 54,835 | 100,000 |
| N.Jersey | 4 | | | 62 | 769 | 79,003 | 48,608 | 57,200 | 1,420,000 |
| N. York. | 26 | 88 | 2,895 | 471 | 3,150 | 448,080 | 341,374 | 237,184 | 6,589,848 |
| N.Car'na | 8 | 9 | 465 | 44 | 474 | 10,040 | 21,980 | 22,500 | 512,000 |
| Ohio.... | 32 | 76 | 3,246 | 292 | 2,662 | 168,500 | 80,521 | 227,974 | 2,724,716 |
| Oregon.. | 6 | 8 | 559 | 24 | 211 | 10,900 | 8,038 | 3,100 | 263,000 |
| Penn'nia | 27 | 42 | 1,865 | 293 | 1,984 | 118,870 | 142,530 | 138,790 | 4,254,500 |
| Rhode I. | 1 | | | 17 | 235 | 40,364 | 27,881 | 50,000 | |
| S. Car'na | 6 | 4 | 221 | 42 | 354 | 39,200 | 4,000 | 43,000 | 722,000 |
| Tenn'see | 21 | 43 | 1,634 | 133 | 1,219 | 76,818 | 41,502 | 34,037 | 1,337,500 |
| Texas... | 10 | 27 | 921 | 58 | 724 | 2,900 | 34,900 | 11,985 | 342,000 |
| Vermont | 3 | | | 26 | 186 | 14,413 | 5,190 | 34,700 | 369,100 |
| Virginia. | 7 | 3 | 75 | 74 | 891 | 24,222 | 49,901 | 73,600 | 1,425,562 |
| West Va. | 3 | 3 | 113 | 33 | 166 | 9,800 | 4,496 | 8,090 | 290,000 |
| Wisc'sin | 9 | 24 | 911 | 81 | 720 | 54,767 | 75,922 | 41,726 | 913,250 |
| D. of Col. | 4 | 9 | 260 | 43 | 156 | 4,319 | 10,236 | 44,000 | 760,000 |
| Utah.... | 1 | 3 | 188 | | | | 2,500 | 2,597 | |
| Wash'n.. | 1 | 1 | 50 | 4 | | | | 500 | |
| Total.. | 351 | 675 | 28,389 | 3,323 | 26,590 | 2,257,904 | 1,680,122 | 2,012,951 | 36,689,401 |

UNIVERSITIES AND COLLEGES IN THE UNITED STATES, 1872-1877.

THE following is a statement of the aggregate number of this class of institutions, with instructors and students, as reported to the Bureau of Education each year, from 1870 to 1877, inclusive:

| NUMBER OF | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Institutions... | 266 | 290 | 298 | 323 | 343 | 355 | 356 | 351 |
| Instructors... | 2,823 | 2,962 | 3,040 | 3,106 | 3,783 | 3,919 | 3,920 | 3,908 |
| Students..... | 49,163 | 49,827 | 45,617 | 52,053 | 56,692 | 58,894 | 56,481 | 54,979 |

SCHOOLS OF MEDICINE IN THE UNITED STATES.

[From the Report of the Commissioner of Education for 1877.]

| | Number in all the States. | Corps of instruction. | Number of students. | Graduates at the commencement of '77. | Volumes in libraries. | Inc. in the last school year. | Value of grounds, buildings, and apparatus. | Amount of productive funds. | Income from productive funds. | Receipts for the last year from tuition and other fees. |
|-----------------|---------------------------|-----------------------|---------------------|---------------------------------------|-----------------------|-------------------------------|---|-----------------------------|-------------------------------|---|
| | | | | | | | Dolls. | Dolls. | Dolls. | Dolls. |
| Regular..... | 66 | 878 | 7,087 | 2,351 | 85,056 | 160 | 2,844,200 | 502,815 | 13,577 | 302,932 |
| Eclectic..... | 4 | 29 | 479 | 180 | 1,000 | 300 | 180,000 | ..... | ..... | 20,093 |
| Homœopathic.... | 12 | 153 | 1,180 | 380 | 5,460 | 295 | 435,500 | 53,000 | 2,721 | 69,215 |
| Dental..... | 14 | 168 | 553 | 140 | 568 | 134 | 71,050 | ..... | ..... | 41,796 |
| Pharmaceutical | 13 | 50 | 1,020 | 369 | 5,504 | 271 | 98,000 | 41,960 | 3,925 | 19,748 |
| Grand total.. | 106 | 1,278 | 11,235 | 3,490 | 47,598 | 1,060 | 3,938,750 | 601,575 | 20,223 | 480,831 |

The following is a comparative statement of the number of schools of medicine, dentistry, and pharmacy reported each year from 1870 to 1877 inclusive, with the number of instructors and students :

| | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|--------------------------|-------|-------|-------|-------|-------|-------|--------|--------|
| Number of institutions.. | 63 | 83 | 87 | 94 | 99 | 108 | 109 | 103 |
| Number of instructors... | 588 | 750 | 726 | 1,148 | 1,121 | 1,172 | 1,901 | 1,273 |
| Number of students..... | 6,943 | 7,045 | 5,905 | 8,681 | 9,095 | 9,971 | 10,143 | 11,225 |

SCHOOLS OF LAW IN THE UNITED STATES.

[From the Report of the Commissioner of Education for 1877.]

| STATES. | Number in each State. | Corps of Instruction. | Number of Students. | Graduates at the Commencement of 1877. | Volumes in Libraries. | Value of Grounds and Buildings. | Amount of Productive Funds. | Income from Productive Funds. | Receipts last year from Tuition Fees. |
|----------------|-----------------------|-----------------------|---------------------|--|-----------------------|---------------------------------|-----------------------------|-------------------------------|---------------------------------------|
| | | | | | | Dolls. | Dolls. | Dolls. | Dolls. |
| Alabama..... | 2 | 5 | 23 | 8 | ..... | ..... | ..... | ..... | ..... |
| Connecticut.. | 1 | 10 | 67 | 28 | 8,000 | ..... | 10,000 | 600 | ..... |
| Georgia..... | 2 | 5 | 9 | 10 | 600 | ..... | ..... | ..... | 415 |
| Illinois..... | 3 | 15 | 108 | 53 | 50 | ..... | ..... | ..... | 4,800 |
| Indiana..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Iowa..... | 3 | 13 | 128 | 98 | 1,964 | ..... | ..... | ..... | 3,950 |
| Kentucky..... | 2 | 6 | 23 | 12 | ..... | ..... | ..... | ..... | 960 |
| Louisiana.... | 2 | 4 | 23 | 7 | ..... | 15,000 | ..... | ..... | 2,500 |
| Maryland..... | 1 | 3 | 60 | 21 | ..... | ..... | ..... | ..... | 3,300 |
| Massachu'tts. | 2 | 18 | 300 | 47 | 19,000 | ..... | 51,614 | 11,668 | 20,950 |
| Michigan..... | 1 | 5 | 885 | 155 | ..... | ..... | ..... | ..... | 8,195 |
| Missouri..... | 2 | 11 | 109 | 144 | 3,993 | ..... | ..... | ..... | 4,740 |
| New York.... | 4 | 20 | 646 | 413 | 13,775 | ..... | ..... | ..... | ..... |
| N'th Carolina | 2 | 2 | 20 | ..... | ..... | ..... | ..... | ..... | ..... |
| Ohio..... | 2 | 6 | 130 | 29 | 1,400 | ..... | ..... | ..... | 4,253 |
| Pennsylvania | 2 | 10 | 103 | 24 | 300 | ..... | ..... | ..... | 6,330 |
| S'th Carolina. | 1 | 1 | 12 | 9 | ..... | ..... | ..... | ..... | ..... |
| Tennessee... | 2 | 5 | 76 | 10 | 150 | 15,000 | ..... | ..... | 5,600 |
| Virginia..... | 2 | 10 | 137 | 27 | 3,800 | ..... | ..... | ..... | 8,300 |
| Wisconsin.... | 1 | 11 | 88 | 10 | 530 | ..... | ..... | ..... | ..... |
| Dist. of Col.. | 4 | 15 | 299 | 116 | 301 | ..... | 10,000 | 600 | 1,811 |
| Total..... | 43 | 175 | 2,811 | 1,227 | 53,799 | 30,000 | 71,614 | 12,968 | 76,118 |

LAND GRANTS FOR EDUCATION IN THE UNITED STATES.

This table shows the area of the several States and Territories containing Public Lands, and the quantity devoted for educational purposes by Congress from 1789 to June 30, 1878.

[Compiled from the Annual Reports of the Commissioner of the General Land Office.]

| STATES AND TERRITORIES Containing Public Lands. | Areas of States and Territories containing Public Lands. | Grants for Schools and Universities. | | Grants for Agricultural Colleges, act of July 2, 1862.* | Grants for Deaf and Dumb Asylums. |
|---|---|--------------------------------------|---------------|---|-----------------------------------|
| | | Schools. | Universities. | Selected in place or Located with Scrip. | |
| | Acres. | Acres. | Acres. | Acres. | Acres. |
| 1. Alabama..... | 32,462,080 | 902,774 | 46,080 | ..... | 21,949 |
| 2. Alaska..... | 369,529,600 | ..... | ..... | ..... | ..... |
| 3. Arizona..... | 72,906,304 | 4,050,350 | ..... | 640 | ..... |
| 4. Arkansas..... | 32,406,720 | 886,460 | 46,080 | ..... | 2,097 |
| 5. California..... | 120,947,840 | 6,719,324 | 46,080 | 1,355,577 | ..... |
| 6. Colorado..... | 68,880,000 | 3,715,555 | 46,080 | 183,398 | ..... |
| 7. Dakota..... | 153,982,080 | 8,554,560 | ..... | 125,404 | ..... |
| 8. Florida..... | 37,931,520 | 908,503 | 92,160 | ..... | 20,924 |
| 9. Idaho..... | 58,196,480 | 3,233,137 | ..... | ..... | ..... |
| 10. Illinois..... | 35,462,400 | 985,066 | 46,080 | ..... | ..... |
| 11. Indian Ter.. | 44,154,240 | ..... | ..... | ..... | ..... |
| 12. Indiana..... | 21,637,760 | 650,317 | 46,080 | ..... | ..... |
| 13. Iowa..... | 35,228,800 | 905,144 | 46,080 | 316,991 | ..... |
| 14. Kansas..... | 52,043,520 | 2,891,306 | 46,080 | 828,824 | ..... |
| 15. Louisiana..... | 26,461,440 | 786,044 | 46,080 | ..... | ..... |
| 16. Michigan..... | 36,128,640 | 1,067,397 | 46,080 | 1,225,806 | ..... |
| 17. Minnesota..... | 53,459,840 | 2,969,990 | 82,640 | 957,014 | ..... |
| 18. Mississippi.. | 30,179,840 | 837,584 | 46,080 | ..... | ..... |
| 19. Missouri..... | 41,824,000 | 1,199,139 | 46,080 | 448,803 | ..... |
| 20. Montana..... | 92,016,640 | 5,112,035 | ..... | 44,452 | ..... |
| 21. Nebraska..... | 48,636,800 | 2,702,044 | 46,080 | 1,079,191 | ..... |
| 22. Nevada..... | 71,737,741 | 3,985,420 | 46,080 | 16,794 | ..... |
| 23. New Mexico.. | 77,568,640 | 4,309,368 | 46,080 | 1,440 | ..... |
| 24. Ohio..... | 25,576,960 | 704,488 | 69,120 | ..... | ..... |
| 25. Oregon..... | 60,975,360 | 3,329,706 | 46,080 | 50,049 | ..... |
| 26. Tennessee..... | ..... | 100,000 | 100,000 | ..... | ..... |
| 27. Utah..... | 56,355,635 | 3,130,869 | 46,080 | 57,031 | ..... |
| 28. Washington.. | 44,796,160 | 2,488,675 | 46,080 | 46,036 | ..... |
| 29. Wisconsin..... | 34,511,360 | 958,649 | 92,160 | 1,358,913 | ..... |
| 30. Wyoming..... | 62,645,120 | ..... | ..... | 2,395 | ..... |
| Total | 1,814,769,656 | 68,083,914 | 1,265,520 | 8,098,758 | 44,970 |

* The whole quantity liable to be issued under the act of July 2, 1862, is 9,600,000 acres.

NOTE.—Under an act of Congress approved Sept. 4, 1841, each State thereafter admitted to the Union was granted 500,000 acres of land for purposes of internal improvement; 46,080 acres (72 sections) for a State University; 32,000 acres (50 sections) for the purpose of erecting public buildings at the Capital; and 32,000 acres for a penitentiary or State prison. The same grant of 500,000 acres was extended to the States of Alabama, Arkansas, Illinois, Indiana, Louisiana, Michigan, Mississippi, and Missouri. The quantity of land thus granted is estimated at 9,000,000 acres.

By act of July 2, 1862, each State, old or new, was granted 30,000 acres of the public domain for each Senator and Representative in Congress (or land scrip to that amount) for the purpose of endowing a College of Agriculture and the Mechanic Arts in each State. Of the 9,600,000 acres estimated to be due the States under this munificent land-grant, about 8,200,000 acres have already been located.

NUMBER OF ELECTORS IN FRANCE.

In the French Republic, suffrage is practically universal, there having been inscribed on the registers of the Ministry of the Interior by an official report dated April 1, 1876, 9,948,070 legal voters, out of a population the same year of 36,905,728 in France. This gives 1 voter to every 4 inhabitants, nearly. In the United States, by the census of 1870, the ratio of legal voters to population was 1 to 4½, nearly. In Great Britain, where suffrage is restricted, the proportion is 1 voter to every 11 inhabitants.

STATISTICS OF LAND GRANTS.

Land Grants by Acts of Congress to States and Corporations for Railroad Purposes, from the First Grant in 1850 to June 30, 1873.

[Compiled from Reports of the Commissioner of the General Land Office.]

NOTE.—Fractions of acres are omitted.

| STATES. | Date of Acts. | Name of Road. | Estimated quantity embraced in the Grant. | No. of acres certified for year ending June 30, 1873. | Number of acres certified up to June 30, 1873. |
|----------------|----------------|---------------------------|---|---|--|
| | | | Acres. | | |
| Illinois | Sep. 20, 1850. | Illinois Central..... | 2,595,053 | | 2,595,053 |
| " | " " | Mobile and Chicago... | | | |
| Mississippi... | " " | Mobile and Ohio River.. | 1,004,840 | | 737,130 |
| " | Aug. 11, 1856. | Vicksburg & Meridian... | 404,800 | | 198,027 |
| " | " " | Gulf and Ship Island... | 632,800 | | |
| Alabama..... | Sep. 20, 1850. | Mobile and Ohio River.. | 230,400 | | 419,523 |
| " | May 17, 1856. | Alabama and Florida.... | 419,520 | | 394,522 |
| " | June 3, 1856. | Selma, Rome & Dalton.. | 481,920 | | 457,407 |
| " | May 23, 1872. | " | | | |
| " | June 3, 1856. | Coosa and Tennessee... | 132,480 | | 67,784 |
| " | " " | Mobile and Girard..... | 840,880 | | 504,145 |
| " | " " | " | | | |
| " | Apr. 10, 1869. | Alabama & Chattanooga | 897,920 | | 552,555 |
| " | June 3, 1856. | " | | | |
| " | Mar. 3, 1871. | South & North Alabama | 576,000 | | 433,601 |
| Florida..... | May 17, 1856. | Florida Railroad..... | 442,542 | | 281,984 |
| " | " " | Florida and Alabama... | 165,688 | | 165,688 |
| " | " " | Pensacola and Georgia.. | 1,568,729 | | 1,275,213 |
| " | " " | Fla. Atlantic & Gulf Cen. | 183,153 | | 37,583 |
| Louisiana... | June 3, 1856. | Vicksburg & Shreveport | 610,880 | | 553,211 |
| " | " " | { New Orleans, Ope- | | | |
| " | July 14, 1870. | { lousas & Gt. West. } | 967,840 | | 719,193 |
| Arkansas .. | Feb. 9, 1853. | { St. Louis, Iron Mt. } | 1,160,667 | { 2,760 } | 1,115,406 |
| " | July 28, 1866. | { and Southern.... } | 1,040,000 | | 204,921 |
| " | May 6, 1870. | " | | | |
| " | Feb. 9, 1853. | Memphis & Little Rock. | { 438,646 } | | 127,238 |
| " | July 28, 1866. | " | { 365,539 } | | 14,606 |
| " | Feb. 9, 1853. | " | | | |
| " | July 28, 1866. | { Little Rock and Fort } | { 550,525 } | | 550,520 |
| " | Apr. 10, 1869. | { Smith..... } | { 456,771 } | | 360,196 |
| " | Mar. 8, 1870. | " | | | |
| Missouri..... | July 4, 1866. | Iron Mountain | 864,000 | | |
| " | June 10, 1852. | Hannibal & St. Joseph.. | 731,944 | | 603,506 |
| " | " " | Pacific & S. West Branch | 1,161,235 | | 1,161,204 |
| " | Feb. 9, 1853. | { St. Louis, Iron Mt. } | { 219,262 } | | 63,294 |
| " | July 28, 1866. | { and Southern.... } | { 182,718 } | | |
| " | July 4, 1866. | St. Louis & Iron Mount. | 640,000 | | 63,294 |
| " | May 15, 1856. | " | | | |
| Iowa..... | June 2, 1864. | Burlington & Mo. River. | 948,643 | | { 292,171 } |
| " | Feb. 10, 1866. | " | | | { 96,647 } |
| " | May 15, 1856. | { Chicago, Rock Island } | | | { 482,094 } |
| " | June 2, 1864. | { and Pacific..... } | 1,261,181 | | 161,213 |
| " | Jan. 31, 1873. | " | | | |
| " | May 15, 1856. | { Cedar Rapids and } | 1,208,730 | | { 732,069 } |
| " | June 2, 1864. | { Missouri River.... } | | | 358,424 |
| " | May 15, 1856. | Iowa Falls & Sioux City. | 1,226,163 | | 683,023 |
| " | " " | " | | | |
| " | June 2, 1864. | Dubuque and Sioux City | | | 549,345 |
| " | Mar. 2, 1868. | " | | | |

STATISTICS OF LAND GRANTS—(Continued).

| STATES. | Date of Acts. | Name of Road. | Estimated quantity embraced in the Grant. | No. of acres certified for year ending June 30, 1878. | Number of acres certified up to June 30, 1878. |
|---------------|----------------|--|--|---|--|
| | | | Acres. | | |
| Iowa..... | May 12, 1864.. | McGregor & Mo. River. | 1,536,000 | | 136,285 |
| "..... | "..... | Sioux City and St. Paul. | 524,900 | | 396,994 |
| Michigan..... | June 3, 1856.. | Detroit and Milwaukee.. | 855,420 | | 30,998 |
| "..... | "..... | Port Huron and L. Mich. | 312,384 | | 6,428 |
| "..... | June 3, 1856 | Jackson, Lansing & Sag. | 1,052,469 | | 743,000 |
| "..... | July 3, 1866 | | | | |
| "..... | Mar. 2, 1867 | | | | |
| "..... | Mar. 3, 1871 | | | | |
| "..... | June 3, 1856 | Flint & Pere Marquette. | 586,828 | | 512,327 |
| "..... | Feb. 17, 1865 | | | | |
| "..... | July 3, 1866 | | | | |
| "..... | Mar. 3, 1871 | | | | |
| "..... | June 3, 1856 | Grand Rapids & Indiana | { 629,182 531,200 | | { 629,993 222,967 |
| "..... | June 7, 1864 | | | | |
| "..... | Mar. 3, 1865 | | | | |
| "..... | June 3, 1856 | | | | |
| "..... | Mar. 3, 1865 | { Marquette, Hough- ton & Ontonagon. } | 552,515 | | 437,355 |
| "..... | May 20, 1868 | | | | |
| "..... | Apr. 20, 1871 | Bay de Noquet & Marq'te | 128,000 | | 128,000 |
| "..... | Mar. 3, 1865 | | | | |
| " (Res.) | July 5, 1862 | Chicago & Northwest'n. | 564,480 | | 517,868 |
| "..... | Mar. 3, 1865 | | | | |
| "..... | May 23, 1872 | | | | |
| Wisconsin.. | June 3, 1856 | { Chicago, St. Paul & Minneapolis..... } | 999,983 | | 799,890 |
| "..... | May 5, 1864 | | | | |
| "..... | Mar. 3, 1873 | { St. Croix & L. Supe- rior & Br. to Bayfield } | { 524,714 318,737 350,000 215,000 } | | { 524,538 318,950 |
| "..... | June 3, 1856 | | | | |
| "..... | Apr. 25, 1862 | | | | |
| "..... | Mar. 3, 1855 | | | | |
| "..... | Mar. 3, 1869 | Chicago & Northwest'n. | 600,000 | | 545,576 |
| "..... | May 5, 1864 | | | | |
| "..... | June 21, 1866 | Wisconsin Central..... | 750,000 | 132,623 | 546,440 |
| "..... | June 3, 1856 | { Wisconsin R.R. Farm & Mortgage Land Co. } | | | 40,049 |
| "..... | July 27, 1868 | | | | |
| Minnesota.. | Mar. 3, 1857 | St. Paul and Pacific.... | 1,248,638 | 1,389 | 1,243,568 |
| "..... | Mar. 3, 1873 | | | | |
| "..... | Mar. 3, 1857 | | | | |
| "..... | Mar. 3, 1865 | Western R. R..... | 1,475,000 | | 537,842 |
| "..... | July 12, 1862 | | | | |
| "..... | Mar. 3, 1871 | { St. Vincent Extens'n & St. Paul & Pacific. } | 2,000,000 | | 790,201 |
| "..... | Mar. 3, 1873 | | | | |
| "..... | Mar. 3, 1857 | Minnesota Central..... | 643,403 | | 170,053 |
| "..... | Mar. 3, 1865 | | | | |
| "..... | Mar. 3, 1857 | Winona and St. Peter... | 1,410,000 | 11,787 | 1,665,078 |
| "..... | Mar. 3, 1865 | | | | |
| "..... | July 13, 1866 | | | | |
| "..... | Jan. 13, 1873 | St. Paul and Sioux City. | 1,010,000 | 15,892 | 1,199,849 |
| "..... | Mar. 3, 1857 | | | | |
| "..... | May 12, 1864 | | | | |
| "..... | July 13, 1866 | Lake Superior & Missis. | 920,000 | | 860,534 |
| "..... | May 5, 1864 | | | | |
| "..... | July 13, 1866 | Southern Minnesota | 735,000 | 5,067 | 285,404 |
| "..... | July 4, 1866 | | | | |
| "..... | "..... | Hastings and Dakota... | 550,000 | 320 | 189,791 |
| Kansas ... | Mar. 3, 1863 | { Leavenworth, Law- rence & Galveston } | 800,000 | 120 | 256,283 |
| "..... | July 1, 1864 | | | | |
| "..... | Apr. 19, 1871 | | | | |
| "..... | Mar. 3, 1863 | Missouri, Kansas & Tex. | 1,520,000 | 4,088 | 638,063 |
| "..... | July 1, 1864 | | | | |

STATISTICS OF LAND GRANTS—(Continued).

| STATES AND CORPORATIONS. | Date of Act. | Name of Road. | Estimated quantity embraced in the Grant. | No. of acres certified for year ending June 30, 1878. | Number of acres certified up to June 30, 1878. |
|--------------------------|---------------|--|---|---|--|
| Kansas..... | Mar. 3, 1863 | Atchison, Top. & Santa Fé | Acres. 3,000,000 | | 2,474,686 |
| " | July 23, 1866 | St. Joseph & Denver City | 1,700,000 | | 441,153 |
| " | July 25, 1866 | Mo. Riv., Ft. Scott & Gulf | 2,350,000 | | 21,343 |
| Corporations. | July 1, 1862 | Union Pacific..... | 12,000,000 | 1,842 | 1,859,473 |
| | July 2, 1864 | | | | |
| | July 3, 1866 | | | | |
| | July 26, 1866 | | | | |
| | Apr. 10, 1869 | | | | |
| | May 6, 1870 | Cent. Branch Union Pac. | | | 186,458 |
| | July 1, 1862 | | | | |
| | July 2, 1864 | | | | |
| | July 1, 1862 | Kansas Pacific..... | 6,000,000 | 240,858 | 772,120 |
| | July 2, 1864 | | | | |
| | July 3, 1866 | | | | |
| | May 7, 1866 | | | | |
| | Mar. 3, 1869 | Denver Pacific | 1,000,100 | | 49,811 |
| | " | | | | |
| | July 1, 1862 | Central Pacific | 8,000,000 | 14,703 | 708,862 |
| | July 2, 1864 | | | | |
| | July 1, 1862 | { Central Pacific, suc- cessor by consoli- dation with West- ern Pacific..... } | 1,100,100 | 180 | 422,718 |
| | July 2, 1864 | | | | |
| | Mar. 3, 1866 | | | | |
| | July 13, 1866 | | | | |
| | May 21, 1866 | | | | |
| | May 6, 1870 | Burlington & Mo. River | 2,441,600 | | 2,374,090 |
| | July 2, 1864 | | | | |
| | May 6, 1870 | | | | |
| | July 2, 1864 | Sioux City and Pacific.. | 60,000 | 640 | 41,318 |
| | May 7, 1866 | Northern Pacific..... | 47,000,000 | | 743,493 |
| | July 1, 1868 | | | | |
| | Mar. 1, 1869 | | | | |
| | Apr. 10, 1869 | | | | |
| | May 31, 1870 | Placerville & Sacram. Val. | 200,000 | | |
| | July 13, 1866 | | | | |
| | July 25, 1866 | { Oregon Branch of the Central Pac... } | 3,000,000 | 10,965 | 550,765 |
| | June 25, 1868 | | | | |
| | Apr. 10, 1869 | Oregon and California.. | 3,500,000 | 86,623 | 323,143 |
| | July 25, 1866 | | | | |
| | June 25, 1868 | | | | |
| | Apr. 10, 1869 | Atlantic and Pacific..... | 42,000,000 | | 504,537 |
| | July 27, 1866 | | | | |
| | Apr. 20, 1871 | Southern Pacific..... | 6,000,000 | 230,540 | 980,757 |
| | July 27, 1866 | | | | |
| | Mar. 3, 1871 | Stockton & Copperopolis | 3,520,000 | | |
| | Mar. 2, 1867 | | | | |
| | May 4, 1870 | Oregon Central..... | 320,000 | | |
| | | | 1,200,000 | | |

NOTE.—It is proper to state that the first column of figures above given, "Estimated quantity embraced in the Grant," although from official Reports of the General Land Office at Washington, published in 1873, is not regarded as an accurate statement of the amount of public lands to which the railways will be entitled under the various acts, and has been omitted from recent tabular statements issued by the Commissioner of Public Lands.

Expenditure of the United States for Public Improvements of all Kinds, in each State and Territory, from the Beginning of the Government—1789-1878.

[Compiled from Executive Document No. 9 (1-57), No. 61 (1-39), No. 12 (1-43), and from the Annual Appropriation Acts.]

| STATES AND TERRITORIES. | Public buildings. | Light-houses. | Armories and arsenals. | Navy-yards and marine hospitals. | Fortifications. |
|----------------------------------|-------------------|---------------|------------------------|----------------------------------|-----------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1 Alabama..... | 503,879 | 318,623 | 264,909 | ..... | 1,573,441 |
| 2 Arizona..... | ..... | ..... | ..... | ..... | ..... |
| 3 Arkansas..... | 149,184 | ..... | ..... | ..... | ..... |
| 4 California..... | 4,128,406 | 1,071,515 | 740,246 | 7,207,825 | 5,340,802 |
| 5 Colorado..... | 90,723 | ..... | ..... | ..... | ..... |
| 6 Connecticut..... | 760,373 | 525,925 | ..... | 128,005 | 319,385 |
| 7 Dakota..... | ..... | ..... | ..... | ..... | 2,500 |
| 8 Delaware..... | 103,127 | 810,542 | ..... | ..... | 1,926,807 |
| 9 District of Columbia..... | * 88,960,733 | ..... | 189,161 | 3,770,576 | ..... |
| 10 Florida..... | 618,488 | 1,940,164 | 283,417 | 5,110,861 | 7,405,847 |
| 11 Georgia..... | 583,473 | 317,599 | 274,050 | 120,000 | 1,222,438 |
| 12 Idaho..... | 51,233 | ..... | ..... | ..... | ..... |
| 13 Illinois..... | 6,258,803 | 158,801 | 5,803,049 | 44,854 | ..... |
| 14 Indiana..... | 898,526 | 14,111 | 259,780 | ..... | ..... |
| 15 Iowa..... | 505,838 | ..... | ..... | ..... | ..... |
| 16 Kansas..... | 99,545 | ..... | 111,697 | ..... | ..... |
| 17 Kentucky..... | 596,237 | ..... | ..... | ..... | ..... |
| 18 Louisiana..... | 5,548,498 | 1,024,968 | 304,938 | ..... | 3,142,832 |
| 19 Maine..... | 2,196,113 | 883,266 | 281,772 | ..... | 3,630,152 |
| 20 Maryland..... | 1,491,888 | 518,704 | 117,834 | * 1,770,510 | 1,942,440 |
| 21 Massachusetts..... | 6,726,185 | 1,198,043 | 3,104,356 | 6,356,212 | 3,482,189 |
| 22 Michigan..... | 753,729 | 2,207,727 | 153,987 | ..... | 301,253 |
| 23 Minnesota..... | 578,638 | 14,948 | ..... | ..... | 7,000 |
| 24 Mississippi..... | 143,775 | 128,433 | ..... | ..... | 550,785 |
| 25 Missouri..... | 3,751,384 | ..... | 523,498 | ..... | ..... |
| 26 Montana..... | 113,075 | ..... | ..... | ..... | ..... |
| 27 Nebraska..... | 623,996 | ..... | ..... | ..... | ..... |
| 28 Nevada..... | 419,281 | ..... | ..... | ..... | ..... |
| 29 New Hampshire..... | 173,671 | 127,465 | ..... | 3,718,548 | 847,271 |
| 30 New Jersey..... | 552,261 | 483,219 | ..... | ..... | 1,058,231 |
| 31 New Mexico..... | 99,649 | ..... | 17,896 | ..... | ..... |
| 32 New York..... | 14,917,927 | 1,937,639 | 961,045 | 10,817,680 | * 10,468,063 |
| 33 North Carolina..... | 847,450 | 1,019,355 | 343,854 | ..... | 1,055,801 |
| 34 Ohio..... | 4,020,816 | 371,927 | 272,362 | ..... | ..... |
| 35 Oregon..... | 695,585 | 321,256 | ..... | ..... | ..... |
| 36 Pennsylvania..... | 7,970,106 | 146,622 | 958,630 | 3,760,065 | 182,093 |
| 37 Rhode Island..... | 326,413 | 370,915 | ..... | ..... | 2,291,066 |
| 38 South Carolina..... | 3,351,457 | 590,289 | 139,328 | 83,452 | 1,516,926 |
| 39 Tennessee..... | 896,233 | ..... | ..... | ..... | ..... |
| 40 Texas..... | 154,359 | 313,004 | 155,138 | ..... | 352,806 |
| 41 Utah..... | 63,254 | ..... | ..... | ..... | ..... |
| 42 Vermont..... | 220,467 | 41,951 | 40,454 | ..... | ..... |
| 43 Virginia..... | 1,348,843 | 653,717 | 2,292,632 | 6,505,909 | 5,359,785 |
| 44 Washington..... | 67,650 | 252,665 | 16,983 | ..... | ..... |
| 45 West Virginia..... | 243,094 | ..... | ..... | ..... | ..... |
| 46 Wisconsin..... | 605,044 | 827,857 | ..... | ..... | ..... |
| 47 Wyoming..... | 37,455 | ..... | 15,000 | ..... | ..... |
| Miscellaneous ¹ | 2,661,084 | 4,386,020 | 1,767,174 | 2,570,000 | 490,000 |
| Total..... | 115,364,928 | 22,541,190 | 19,363,290 | 51,972,497 | 54,494,559 |

1. This includes, under each class of expenditure, appropriations not localized in any State or Territory. Thus, about one half the \$16,819,431 under Rivers and Harbors, Miscellaneous, was for the improvement of the Mississippi River, running through several States.

2. Expenditures on public buildings and grounds

3. Including Naval Academy at Annapolis.

4. Including Military Academy at West Point.

Expenditure of the United States for Public Improvements of all Kinds, in each State and Territory, from the Beginning of the Government—1789-1878.

[Compiled from Executive Document No. 9 (1-37), No. 61 (1-39), No. 12 (1-43), and from the Annual Appropriation Acts.]

| STATES AND TERRITORIES | Rivers and harbors. | Canals. | Roads. | Rail-roads. | Internal improvements. ⁷ |
|----------------------------------|---------------------|------------------|-------------------|---------------------|-------------------------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1 Alabama..... | 637,475 | | 83,535 | | 837,337 |
| 2 Arizona..... | | | 261,415 | | |
| 3 Arkansas..... | 337,500 | | 348,918 | | 224,473 |
| 4 California..... | 936,500 | | | 2,500,594 | |
| 5 Colorado..... | | | | 13,827 | |
| 6 Connecticut..... | 1,076,907 | | | | |
| 7 Dakota..... | | | | | |
| 8 Delaware..... | 3,013,896 | 450,000 | | | |
| 9 District of Columbia..... | 283,993 | \$5,299,660 | \$7,236,376 | | |
| 10 Florida..... | 253,730 | 57,108 | 166,387 | 2,436 | |
| 11 Georgia..... | 754,023 | | | | |
| 12 Idaho..... | | | 36,500 | | |
| 13 Illinois..... | 2,177,905 | | 747,880 | | |
| 14 Indiana..... | 655,733 | | 1,130,965 | | 623,303 |
| 15 Iowa..... | 2,771,259 | | 84,226 | | |
| 16 Kansas..... | 55,000 | | 99,982 | 2,280,686 | 41,896 |
| 17 Kentucky..... | 12,000 | 1,183,511 | | | |
| 18 Louisiana..... | 2,866,190 | | | | 296,938 |
| 19 Maine..... | 1,183,880 | | 137,009 | | |
| 20 Maryland..... | 1,107,850 | 1,051,990 | | | |
| 21 Massachusetts..... | 2,379,235 | | | | |
| 22 Michigan..... | 5,457,013 | 525,962 | 392,562 | | 411,500 |
| 23 Minnesota..... | 847,500 | | 403,337 | 95,980 | 63,453 |
| 24 Mississippi..... | 224,500 | | 20,000 | 339,974 | 534,961 |
| 25 Missouri..... | 494,600 | | 42,783 | 403,049 | 603,967 |
| 26 Montana..... | | | | | |
| 27 Nebraska..... | 110,000 | | 79,568 | | 95,258 |
| 28 Nevada..... | | | | | 3,400 |
| 29 New Hampshire..... | 78,000 | | | | |
| 30 New Jersey..... | 550,483 | | | | |
| 31 New Mexico..... | | | 217,072 | | |
| 32 New York..... | 8,355,716 | | 3,500 | | |
| 33 North Carolina..... | 1,578,877 | 205,000 | | | |
| 34 Ohio..... | 2,372,694 | 82,537 | 1,470,112 | | 599,938 |
| 35 Oregon..... | 482,814 | | 163,580 | | 22,711 |
| 36 Pennsylvania..... | 814,130 | | | | |
| 37 Rhode Island..... | 547,485 | | | | |
| 38 South Carolina..... | 321,254 | 9,962 | | | |
| 39 Tennessee..... | 306,446 | | 5,000 | | |
| 40 Texas..... | 986,700 | | | | |
| 41 Utah..... | | | | 7,943 | |
| 42 Vermont..... | 472,357 | | | | |
| 43 Virginia..... | 1,141,422 | 46,738 | 10,800 | | |
| 44 Washington..... | 5,000 | | 258,178 | | |
| 45 West Virginia..... | 1,012,800 | | | | |
| 46 Wisconsin..... | 2,689,500 | 76,498 | 65,663 | | 131,568 |
| 47 Wyoming..... | | | | | |
| Miscellaneous ¹ | 16,819,431 | 258,214 | 4,141,072 | 78,926,732 | 424,162 |
| Total..... | 66,209,118 | 9,197,473 | 17,534,420 | \$84,627,181 | 4,951,903 |

5. Including Washington Aqueduct.

6. Includes streets, avenues, and bridges.

7. Under this head are grouped the appropriations made to the States for roads and canals and internal improvements, under what were known as the 2 per cent., 3 per cent., and 5 per cent. fund.

8. Includes U. S. bonds issued to the Pacific Railroads, but not the interest thereon.

UNITED STATES PUBLIC LANDS—WHERE THEY LIE.

Statement Showing the Number of Acres of Public Lands Surveyed in the Land States and Territories up to June 30, 1878; also, the total Area of the Public Domain remaining Unsurveyed.

[From the Report of the Commissioner of the General Land Office for 1878.]

| LAND STATES AND TERRITORIES. | Total Areas of Lands in 29 States & Territories in which Public Lands have been situated. | | Number of Acres of Public Lands Surveyed. | | | Total Area of Public and Indian Lands remaining Unsurveyed and Unoffered to June 30, 1878. Acres. |
|------------------------------|---|------------------|--|--|---|---|
| | In Acres. | In Square Miles. | Prior to June 30, 1877, not heretofore reported. | Within the Fiscal Year ending June 30, 1878. | Total Acres Surveyed up to June 30, 1878. | |
| 1 Alabama..... | 32,462,080 | 50,722 | ..... | 35 | 32,462,115 | ..... |
| 2 Alaska..... | 369,529,600 | 577,390 | ..... | ..... | 369,529,600 | ..... |
| 3 Arizona..... | 72,906,304 | 113,916 | 196,479 | 418,375 | 5,281,737 | 67,624,503 |
| 4 Arkansas..... | 33,406,720 | 52,198 | ..... | ..... | 33,406,720 | ..... |
| 5 California... | 100,992,640 | 157,801 | 172,534 | 1,202,619 | 46,347,402 | 54,645,238 |
| 6 Colorado..... | 66,880,000 | 104,500 | 69,364 | 1,113,613 | 22,182,899 | 44,697,101 |
| 7 Dakota..... | 96,595,840 | 150,932 | ..... | 939,198 | 21,459,412 | 75,137,068 |
| 8 Florida..... | 37,931,520 | 59,268 | 86 | 2 | 30,103,796 | 7,827,724 |
| 9 Idaho..... | 55,228,160 | 86,294 | 202,690 | 438,306 | 6,834,009 | 48,394,151 |
| 10 Illinois..... | 35,462,400 | 55,410 | ..... | 2,692 | 35,465,092 | ..... |
| 11 Indian Terr'y | 44,154,240 | 68,991 | ..... | ..... | 27,003,990 | 17,150,250 |
| 12 Indiana..... | 21,637,760 | 33,809 | ..... | ..... | 21,637,760 | ..... |
| 13 Iowa..... | 35,228,800 | 55,045 | ..... | ..... | 35,228,800 | ..... |
| 14 Kansas..... | 51,769,976 | 80,831 | ..... | ..... | 51,770,240 | ..... |
| 15 Louisiana.... | 26,461,440 | 41,346 | ..... | ..... | 25,232,044 | 1,229,396 |
| 16 Michigan.... | 36,128,640 | 56,451 | ..... | ..... | 36,128,640 | ..... |
| 17 Minnesota.... | 53,459,840 | 83,531 | 48,792 | 357,914 | 39,172,415 | 14,287,425 |
| 18 Mississippi.. | 30,179,840 | 47,156 | ..... | ..... | 30,179,840 | ..... |
| 19 Missouri..... | 41,824,000 | 65,350 | ..... | ..... | 41,824,000 | ..... |
| 20 Montana..... | 92,016,640 | 143,776 | 147 | 624,694 | 10,543,827 | 81,472,813 |
| 21 Nebraska.... | 48,636,800 | 75,995 | 72,240 | 630,164 | 39,936,807 | 8,699,993 |
| 22 Nevada..... | 71,737,741 | 112,090 | 96,147 | 188,656 | 39,172,415 | 60,198,710 |
| 23 New Mexico.. | 77,568,640 | 121,201 | 9,701 | 541,429 | 8,471,886 | 69,096,760 |
| 24 Ohio..... | 25,576,960 | 39,964 | ..... | ..... | 25,576,960 | ..... |
| 25 Oregon..... | 60,975,360 | 95,274 | 592,556 | 611,490 | 21,127,862 | 39,847,498 |
| 26 Utah..... | 54,065,075 | 81,476 | 322,624 | 263,227 | 8,960,385 | 45,104,265 |
| 27 Washington.. | 44,796,160 | 69,994 | 679,661 | 573,317 | 13,821,545 | 30,974,615 |
| 28 Wisconsin.... | 34,511,360 | 53,924 | ..... | ..... | 34,511,360 | ..... |
| 29 Wyoming.... | 62,645,120 | 97,883 | 234,707 | 135,581 | 8,101,049 | 54,544,071 |
| Total..... | 1,814,769,656 | 2,835,578 | 2,697,727 | 8,041,012 | 724,311,477 | *720,931,571 |

* Or, adding Alaska, 1,090,461,171 acres.

Bankrupt Railroads in the United States.

[From the Railway Age, Chicago.]

| Years. | —Receivers appointed— | | | —Sold under foreclosure— | | |
|-------------|-----------------------|--------|---------------|--------------------------|--------|---------------|
| | No. | Miles. | Capital. | No. | Miles. | Capital. |
| 1876.... | 42 | 6,662 | \$467,000,000 | 30 | 3,846 | \$217,848,000 |
| 1877.... | 33 | 3,637 | 220,294,000 | 54 | 3,875 | 198,964,000 |
| 1878.... | 27 | 2,320 | 92,385,000 | 46 | 3,902 | 311,631,000 |
| Three yrs.. | 107 | 12,619 | \$779,679,000 | 130 | 16,623 | \$728,463,000 |

This statement shows that about one-fifth of all the railroads in the country, in mileage, have been sold under foreclosure within three years, and that over one-tenth besides still await the termination of receiverships. In short, 206 roads, operating 25,209 miles, have been sold or are still in the hands of receivers. The statement of capital should be received as only nominal, some of the roads foreclosed representing little or no paid-up capital.

OUR PUBLIC LAND SYSTEM.

THE public lands of the United States which are still undisposed of and open to settlement, as will be seen from the table on page 172, lie in nineteen States and eight Territories. In each case, except Ohio, Indiana and Illinois, land offices are established, in charge of an officer known as Register of the Land Office, where the records of all surveyed lands are kept, and all applications concerning lands in each district are filed and inquiries answered. The public lands are divided into two great classes. The one class have a dollar and a quarter an acre designated as the minimum price, and the other two dollars and a half an acre. Titles to these lands may be acquired by private entry or location under the homestead, preemption and timber-culture laws; or, as to some classes, by purchase for cash, in the case of lands which may be purchased at private sale, or such as have not been reserved under any law. Such tracts are sold on application to the Land Register, who issues a certificate of purchase, the Receiver giving a receipt for the money paid, subject to the issue of a patent, or complete title, if the proceedings are found regular, by the Commissioner of the General Land Office at Washington.

Entries under land warrants (given mostly for military services under acts of Congress) have fallen off very largely by the absorption of such warrants, there having been no military bounty land warrants provided for on account of services in the late civil war.

Entries under the preemption law are restricted to heads of families, or citizens over twenty-one, who may settle upon any quarter-section (or 160 acres) and have the right of prior claim to purchase on complying with certain regulations.

The homestead laws give the right to one hundred and sixty acres of a dollar and a quarter lands, or to eighty acres of two dollar and a half lands, to any citizen or applicant for citizenship over twenty-one who will actually settle upon and cultivate the land. This privilege extends only to the surveyed lands, and the title is perfected by the issue of a patent after five years of actual settlement. The only charges in the case of homestead entries are fees and commissions, varying from a minimum of \$7 to a maximum of \$22 for the whole tract entered, according to the size, value or place of record.

Another large class of free entries of public lands is that provided for under the timber-culture acts of 1873-78. The purpose of these laws is to promote the growth of forest trees on the public lands. They give the right to any settler who has cultivated for two years as much as five acres in trees, to an eighty-acre homestead, or if ten acres, to a homestead of one hundred and sixty acres, and a free patent for his land is given him at the end of three years instead of five. The limitation of the homestead laws to one hundred and sixty acres for each settler is extended in the case of timber culture so as to grant as many quarter sections of one hundred and sixty acres each as have been improved by the culture for ten years of forty acres of timber thereon, but the quarter sections must not lie immediately contiguous. The following is the complete list of United States land offices:

Alabama: Mobile, Huntsville, Montgomery.
 Arkansas: Little Rock, Camden, Harrison, Dardanelle.
 Arizona Territory: Prescott, Florence.
 California: San Francisco, Marysville, Humboldt, Stockton, Visalia, Sacramento, Los Angeles, Shasta, Susanville, Bodie.
 Colorado: Denver City, Fair Play, Central City, Pueblo, Del Norte, Lake City.
 Dakota Territory: Sioux Falls, Springfield, Fargo, Yankton, Bismarck, Deadwood.
 Florida: Gainesville.
 Idaho Territory: Boise City, Lewiston.
 Iowa: Fort Des Moines.
 Kansas: Topeka, Salina, Independence, Wichita, Kirwin, Concordia, Larned, Hays City.
 Louisiana: New Orleans, Monroe, Natchitoches.
 Michigan: Detroit, East Saginaw, Reed City, Marquette.
 Minnesota: Taylor's Falls, Saint Cloud, Du Luth, Fergus Falls, Worthington, New Ulm, Benson, Detroit, Redwood Falls.
 Mississippi: Jackson.
 Missouri: Boonville, Ironton, Springfield.
 Montana Territory: Helena, Bozeman.
 Nebraska: Norfolk, Beatrice, Lincoln, Niobrara, Grand Island, North Platte, Bloomington.
 Nevada: Carson City, Eureka.
 New Mexico Territory: Santa Fé, La Mesilla.
 Oregon: Oregon City, Roseburg, Le Grand, Lakeview, The Dalles.
 Utah Territory: Salt Lake City.
 Washington Territory: Olympia, Vancouver, Walla Walla, Colfax.
 Wisconsin: Menasha, Falls of St. Croix, Wausau, La Crosse, Bayfield, Eau Claire.
 Wyoming Territory: Cheyenne, Evanston.
 The business of the General Land Office of the United States for the fiscal year ending June 30, 1878, is summarized below:

| | ACRES. |
|--|--------------|
| Area of public lands surveyed during the year..... | 8,041,011.83 |
| Whole number of acres disposed of during the year..... | 8,686,178.88 |
| Increase over area disposed of during previous year..... | 8,636,411.18 |

| | |
|--|--------------|
| Cash entries | 877,555.14 |
| Being an increase over the previous fiscal year of 136,863.57 acres. | |
| Homestead entries..... | 4,418,344.92 |
| Being an increase over the previous fiscal year of 2,240,336.75 acres. | |
| Timber-culture entries..... | 1,870,434.18 |
| Being an increase over the previous fiscal year of 1,349,760.79 acres. | |
| Desert land entries under act of March 3, 1877 | 310,553.05 |
| Agricultural-college scrip locations..... | 640.00 |
| Locations with military bounty land warrants..... | 84,720.00 |
| <i>State selections approved:</i> | |
| For school indemnity | 50,142.59 |
| For internal improvements..... | 17,420.39 |
| For agricultural colleges..... | 24,097.40 |
| For universities..... | 44,844.43 |
| For salt springs..... | 24,114.56 |
| For public buildings..... | 29,146.33 |
| For penitentiary..... | 15,226.83 |
| | 214,992.53 |
| Scrip locations..... | 94,044.56 |
| Lands patented to States as swamp lands..... | 202,925.85 |
| Lands certified for railroad purposes..... | 606,340.65 |
| Lands certified for canal purposes..... | 5,628.00 |

Total number of acres disposed of during the fiscal year. 8,686,178.88

The figures given show a great increase in the quantity of land taken up by the class of actual settlers as homesteads and for the purpose of timber culture.

The moneys received during the year amount to \$2,022,532.16, for cash sales, for homestead and timber-culture fees and commissions, and other fees paid, being an increase over the previous fiscal year of \$569,562.93.

These figures strikingly exhibit the marked change in the occupations of the people, which the long-continued commercial and industrial depression is bringing about. Agriculture is absorbing increased attention, and there is a heavy migration westward from the older States. Not only has settlement upon the public lands of the government been greatly increased, but the records of all the land offices, States and corporations that have received railroad land grants, exhibit very heavy sales to actual settlers in the years 1877-78.

It is to be noted that the largest land-State in the Union, Texas, retained control of her public domain when admitted to the Union, so that land titles therein emanate from the State, and not from the United States. Homestead entry may be made under the laws of Texas after three years' occupancy of a tract of one hundred and sixty acres (or eighty acres in the case of single men) on payment of about \$15 fees. The present unoccupied domain of Texas embraces over 67,580,000 acres, lying mostly in the extreme western portion of the State remote from railways.

Many railroad companies have large tracts of agricultural lands for sale, at rates regulated by their quality and relative accessibility.

STATISTICS OF HOMESTEAD SETTLEMENT ON THE PUBLIC LANDS.

Statement of number of Acres entered annually under the Homestead and Timber-Culture Acts, from July 1, 1868, to June 30, 1878, inclusive.

| | 1869. | 1870 | 1871. | 1872. | 1873. |
|------------------------------|-----------|-----------|-----------|-----------|-----------|
| | Acres. | Acres. | Acres. | Acres. | Acres. |
| Homestead Entries | 2,737,365 | 3,698,910 | 4,600,326 | 4,671,322 | 3,793,613 |
| Timber-Culture Entries ..... | ..... | ..... | ..... | ..... | ..... |
| | 1874. | 1875. | 1876. | 1877. | 1878. |
| | Acres. | Acres. | Acres. | Acres. | Acres. |
| Homestead Entries | 3,519,862 | 2,356,058 | 2,875,910 | 2,178,098 | 4,418,315 |
| Timber-Culture Entries | 802,945 | 464,870 | 607,983 | 520,672 | 1,870,434 |
| | 4,322,807 | 2,820,928 | 3,483,893 | 2,698,770 | 6,288,779 |

Total homestead entries, 34,849,818 acres. Total timber-culture entries, 4,266,907 acres. Grand total, ten years, 39,116,725 acres.

UNITED STATES PATENT-OFFICE BUSINESS.

Comparative Statement of the Business of the Office from 1837 to 1877, inclusive.

[From the Report of the Commissioner of Patents, Jan. 29, 1878.]

| CALENDAR YEAR. | Applica- tions. | Caveats Filed. | Patents Issued. | Cash Received. | Cash Expended. | Surplus. |
|----------------|--------------------|-------------------|--------------------|-------------------|-------------------|------------|
| 1837..... | | | 435 | \$29,289 08 | \$33,506 98 | |
| 1838..... | | | 520 | 42,123 54 | 37,402 10 | \$4,721 44 |
| 1839..... | | | 425 | 37,200 00 | 34,543 51 | 2,716 49 |
| 1840..... | 785 | 228 | 478 | 38,056 51 | 39,080 67 | |
| 1841..... | 847 | 312 | 495 | 40,413 01 | 52,666 87 | |
| 1842..... | 761 | 391 | 517 | 36,505 68 | 31,241 48 | 5,264 20 |
| 1843..... | 819 | 315 | 531 | 35,315 81 | 30,776 96 | 4,538 85 |
| 1844..... | 1,045 | 380 | 502 | 42,509 26 | 36,244 73 | 6,264 53 |
| 1845..... | 1,246 | 452 | 502 | 51,076 14 | 39,395 65 | 11,680 49 |
| 1846..... | 1,272 | 448 | 619 | 50,264 16 | 46,158 71 | 4,105 45 |
| 1847..... | 1,581 | 553 | 572 | 63,111 19 | 41,878 85 | 21,232 34 |
| 1848..... | 1,628 | 607 | 660 | 67,576 69 | 53,906 84 | 8,670 85 |
| 1849..... | 1,955 | 595 | 1,070 | 80,752 98 | 77,716 44 | 3,036 54 |
| 1850..... | 2,193 | 602 | 995 | 86,927 05 | 80,100 95 | 6,816 13 |
| 1851..... | 2,258 | 760 | 869 | 95,738 61 | 86,916 98 | 8,821 63 |
| 1852..... | 2,639 | 996 | 1,020 | 112,656 34 | 95,916 91 | 16,739 43 |
| 1853..... | 2,673 | 901 | 968 | 121,527 45 | 132,969 33 | |
| 1854..... | 3,324 | 868 | 1,902 | 163,789 84 | 167,146 39 | |
| 1855..... | 4,435 | 906 | 2,024 | 216,459 35 | 179,540 33 | 36,919 02 |
| 1856..... | 4,960 | 1,024 | 2,502 | 192,588 02 | 199,931 02 | |
| 1857..... | 4,771 | 1,010 | 2,910 | 196,132 01 | 211,563 09 | |
| 1858..... | 5,364 | 984 | 3,710 | 208,716 16 | 193,193 74 | 10,522 42 |
| 1859..... | 6,225 | 1,097 | 4,538 | 245,943 15 | 210,278 41 | 35,663 74 |
| 1860..... | 7,653 | 1,094 | 4,819 | 256,352 59 | 252,820 80 | 3,531 79 |
| 1861..... | 4,643 | 700 | 3,340 | 137,354 44 | 221,491 91 | |
| 1862..... | 5,038 | 824 | 3,521 | 215,754 99 | 182,810 39 | 32,944 60 |
| 1863..... | 6,014 | 787 | 4,170 | 195,598 29 | 189,414 14 | 6,179 15 |
| 1864..... | 6,932 | 1,063 | 5,020 | 240,919 98 | 229,868 00 | 11,051 98 |
| 1865..... | 10,664 | 1,987 | 6,616 | 348,791 84 | 274,199 34 | 74,592 50 |
| 1866..... | 15,269 | 2,723 | 9,450 | 495,665 38 | 361,724 28 | 133,941 10 |
| 1867..... | 21,276 | 3,597 | 13,015 | 646,581 92 | 639,263 32 | 7,318 60 |
| 1868..... | 20,420 | 3,705 | 13,378 | 661,565 86 | 628,679 77 | 32,886 09 |
| 1869..... | 19,271 | 3,624 | 13,986 | 693,145 81 | 486,430 78 | 206,715 03 |
| 1870..... | 19,171 | 3,273 | 13,831 | 669,456 76 | 557,149 19 | 112,307 57 |
| 1871..... | 19,472 | 3,366 | 13,033 | 678,716 46 | 560,595 08 | 118,121 38 |
| 1872..... | 18,246 | 3,060 | 13,590 | 699,726 39 | 665,591 36 | 34,135 03 |
| 1873..... | 20,414 | 3,248 | 12,864 | 703,191 77 | 691,178 98 | 12,012 79 |
| 1874..... | 21,602 | 3,181 | 13,599 | 738,278 17 | 679,238 41 | 59,039 76 |
| 1875..... | 21,638 | 3,094 | 16,238 | 743,453 36 | 721,657 71 | 21,795 65 |
| 1876..... | 21,425 | 2,697 | 17,026 | 757,967 65 | 652,542 60 | 105,445 05 |
| 1877..... | 20,306 | 2,809 | 13,619 | 732,342 85 | 613,152 62 | 119,190 23 |

SCHEDULE OF UNITED STATES PATENT FEES.

| | |
|--|------|
| On filing each application for a Patent..... | \$15 |
| On issuing each Original Patent (17 years)..... | 20 |
| On application for Re-issue..... | 30 |
| On application for extension..... | 50 |
| On granting every extension of Patent (7 years)..... | 50 |
| On each Caveat..... | 10 |
| On appeal to Examiners-in-chief..... | 10 |
| On appeal to Commissioner of Patents..... | 20 |
| On filing a Disclaimer..... | 10 |
| On application for Design (3½ years)..... | 10 |
| On application for Design (7 years)..... | 15 |
| On application for Design (14 years)..... | 30 |
| On each Trade Mark (30 years)..... | 25 |
| On each Label (28 years)..... | 6 |

THE COPYRIGHT LAWS OF THE UNITED STATES.

EVERY applicant for a copyright must state distinctly the name and residence of the claimant, and whether the right is claimed as author, designer, or proprietor. No affidavit or formal application is required.

A printed copy of the title of the book, map, chart, dramatic or musical composition, engraving, cut, print, or photograph, or a description of the painting, drawing, chromo, statue, statuary, or model or design for a work of the fine arts, for which copyright is desired, must be sent by mail or otherwise, prepaid, addressed "LIBRARIAN OF CONGRESS, WASHINGTON, D. C." This must be done before publication of the book or other article.

A fee of 50 cents, for recording the title of each book or other article, must be inclosed with the title as above, and 50 cents in addition (or one dollar in all) for each certificate of copyright under seal of the Librarian of Congress, which will be transmitted by return mail.

Within ten days after publication of each book or other article, two complete copies must be sent prepaid, to perfect the copyright, with the address "LIBRARIAN OF CONGRESS, WASHINGTON, D. C."

Without the deposit of copies above required the copyright is void, and a penalty of \$25 is incurred.

No copyright is valid unless notice is given by inserting in every copy published, "*Entered according to act of Congress, in the year —, by —, in the office of the Librarian of Congress, at Washington.*" or, at the option of the person entering the copyright, the words: "*Copyright, 18—, by —.*"

The law imposes a penalty of \$100 upon any person who has not obtained copyright who shall insert the notice "*Entered according to act of Congress,*" or "*Copyright,*" or words of the same import, in or upon any book or other article.

Each copyright secures the exclusive right of publishing the book or article copyrighted for the term of twenty-eight years. Six months before the end of that time, the author or designer, or his widow or children, may secure a renewal for the further term of fourteen years, making forty-two years in all.

Any copyright is assignable in law by any instrument of writing, but such assignment must be recorded in the office of the Librarian of Congress within sixty days from its date. The fee for this record and certificate is one dollar.

A copy of the record (or duplicate certificate) of any copyright entry will be furnished, under seal, at the rate of fifty cents.

Copyrights cannot be granted upon Trade-marks, nor upon Labels intended to be used with any article of manufacture. If protection for such prints or labels is desired, application must be made to the Patent Office, where they are registered at a fee of \$5 for labels and \$25 for trade-marks.

PATENTS ISSUED IN 1877 TO RESIDENTS OF EACH STATE.

The proportion of patents to population is shown in last column.

| STATES, ETC. | No. of Patents. | One to every— | STATES, ETC. | No. of Patents. | One to every— |
|------------------------|-----------------|---------------|-----------------------|-----------------|---------------|
| Alabama..... | 43 | 23,418 | Nevada..... | 24 | 1,770 |
| Arizona Territory.... | 2 | 4,829 | New Hampshire..... | 78 | 4,080 |
| Arkansas..... | 36 | 13,513 | New Jersey..... | 503 | 1,804 |
| California..... | 341 | 1,642 | New Mexico Territory | 3 | 30,624 |
| Colorado..... | 28 | 1,423 | New York..... | 2,496 | 1,755 |
| Connecticut..... | 607 | 885 | North Carolina..... | 51 | 21,047 |
| Dakota Territory..... | 6 | 2,365 | Ohio..... | 1,083 | 2,460 |
| Delaware..... | 28 | 4,464 | Oregon..... | 28 | 2,323 |
| District of Columbia.. | 123 | 1,060 | Pennsylvania..... | 1,515 | 2,325 |
| Florida..... | 14 | 13,410 | Rhode Island..... | 212 | 1,085 |
| Georgia..... | 63 | 18,795 | South Carolina..... | 34 | 20,753 |
| Idaho Territory..... | 1 | 14,999 | Tennessee..... | 114 | 11,089 |
| Illinois..... | 1,046 | 2,429 | Texas..... | 115 | 7,117 |
| Indiana..... | 450 | 3,734 | Utah Territory..... | 4 | 21,626 |
| Iowa..... | 488 | 2,655 | Vermont..... | 58 | 5,723 |
| Kansas..... | 108 | 3,538 | Virginia..... | 100 | 12,251 |
| Kentucky..... | 151 | 8,748 | Washington Territory. | 4 | 5,968 |
| Louisiana..... | 79 | 9,073 | West Virginia..... | 31 | 14,268 |
| Maine..... | 132 | 4,749 | Wisconsin..... | 245 | 4,304 |
| Maryland..... | 192 | 4,067 | Wyoming Territory... | 9 | 1,014 |
| Massachusetts..... | 1,392 | 1,046 | U. S. Army..... | 14 | ..... |
| Michigan..... | 383 | 3,091 | U. S. Navy..... | 2 | ..... |
| Minnesota..... | 146 | 3,011 | U. S. in general..... | 13,039 | 2,959 |
| Mississippi..... | 39 | 21,228 | Foreign..... | 590 | ..... |
| Missouri..... | 365 | 4,715 | | | |
| Montana Territory.... | 3 | 6,865 | | | |
| Nebraska..... | 36 | 3,416 | Total..... | 13,619 | ..... |

PENSIONS, MILITARY AND CIVIL.

THERE is no nation which expends in the form of annual pensions for military and naval services anywhere near the amount which is paid by the United States. It will be seen from the table of expenditures from 1789 to 1878 elsewhere given, that the annual sums voted by Congress under the head of pensions have varied from \$28,000,000 to \$34,000,000 during the past ten years. And although we are now more than fifteen years removed from the close of the Civil War of 1861-65, and a large annual diminution of expenditure under this head would naturally occur from the steady decease of annuitants, yet the liberal legislation of Congress in relaxing the rules of the Pension Office, in dating back pensions so as to include a longer term, and in providing for new classes of pensioners not before recognized by law, has operated to prevent any heavy reduction in the annual cost to the treasury. Besides this, all the surviving soldiers and widows of those who served in the last war with Great Britain in 1812-15 have been added to the pension lists by act of February 14, 1871, to the number of 17,411 persons, drawing an annual sum of about \$1,650,000, at the uniform rate of eight dollars a month each. The whole number of pensioners on the rolls July 1, 1878, was 223,998, of whom little more than half were invalids, the remainder being widows and others entitled to pension as representatives of deceased soldiers.

It will be seen that of the net ordinary expenses of the United States Government (excluding interest on the public debt), the item of pensions alone figures as very nearly twenty per cent., or, including the interest on the debt, 11.25 per cent. In no other country do the pensions paid on account of military and naval service bear any such relation to the total expenditure. The following table shows the amount annually expended under the head of pensions, excluding annuities and superannuation allowances in the civil service, in various nations as to which the statistics could be obtained.

| NATIONS. | Military pensions paid. | Proportion to total expenditure of government. |
|----------------------|-------------------------|--|
| | Dollars. | |
| Great Britain..... | 12,795,685 | 3.34 |
| France..... | 12,600,000 | 2.95 |
| Germany..... | 4,286,835 | 4.10 |
| Austria-Hungary..... | 627,610 | 1.10 |
| Belgium..... | 742,000 | 1.60 |
| United States..... | 26,569,987 | 11.25 |

In Great Britain, the pensions for army and navy services are not fixed by act of Parliament, but by a board connected with the war office. A great portion of the pension money goes to officers of high rank; the invalid or superannuated soldiers of the army (known as Chelsea hospital out-pensioners) receiving 1½d. to 3s. 10d. per day, or about \$5,000,000 yearly, and being some 68,000 in number. The Pensions Commutation act of 1869 provides that a commutation board, appointed by the treasury, may, upon application of any officer receiving a pension of more than half-pay, by superannuation or retirement allowance, have power to commute his pension by the payment of a capital sum of money down, calculated according to the estimated duration of life of the pensioned. The benefits of this commutation act are, however, expressly limited to officers, and do not apply to the pensions of privates, either in the army or navy.

Pensions in the Civil Service, either for meritorious service or for superannuation allowance, are granted under most governments except that of the United States. No such allowance exists under American laws, except in the case of judges of the courts of the United States, who are permitted, after reaching the age of seventy, to resign, with full salary for life, provided they have served ten years continuously. This act dates only from April 10th, 1869.

In England, there is a regular annual pension, known as the superannuation allowance, given to all persons in the Civil Service of the Government after ten years' continuous service. This allowance amounts to $\frac{1}{6}$ of all the salary and emoluments of the office. For those who have served eleven years or upwards, a further addition to the annual salary of $\frac{1}{6}$ is made for each additional year, until the completion of a period of service of forty years. Those who have served forty years are entitled to receive a superannuation allowance of two-thirds the regular salary. These superannuation allowances are continued to disabled public servants after their resignation, but no superannuation allowance is granted to retiring persons under sixty years of age who continue able in body and mind. (Superannuation Act of 1859, 22 and 23 Vict. c. 26).

Besides the regular allowance to officers in the Civil Service who have served ten years and upwards, the British Government annually expends very heavy sums in pensions, hereditary and other. Among these are annuities to members of the royal family, £157,000 per annum, and superannuation allowances, annuities, and pensions, £1,160,321 per annum.

NUMBER OF PENSIONERS ON THE ROLL AT THE TERMINATION OF EACH FISCAL YEAR SINCE 1861.

| FOR THE YEAR ENDING JUNE 30. | ARMY AND NAVY. | | | | |
|------------------------------|----------------|--------------|---------|-----------|------------|
| | Invalids. | Widows, etc. | Total. | Addition. | Reduction. |
| 1861..... | 4,837 | 4,299 | 8,636 | ..... | ..... |
| 1862..... | 4,341 | 3,818 | 8,169 | ..... | 467 |
| 1863..... | 7,821 | 6,970 | 14,791 | 6,622 | ..... |
| 1864..... | 23,479 | 27,656 | 41,135 | 26,344 | ..... |
| 1865..... | 35,690 | 50,106 | 85,986 | 44,851 | ..... |
| 1866..... | 55,652 | 71,070 | 126,722 | 40,736 | ..... |
| 1867..... | 69,565 | 83,618 | 153,184 | 26,462 | ..... |
| 1868..... | 75,957 | 93,686 | 169,643 | 16,459 | ..... |
| 1869..... | 82,859 | 105,104 | 187,963 | 18,820 | ..... |
| 1870..... | 87,521 | 111,165 | 198,686 | 10,723 | ..... |
| 1871..... | 93,394 | 114,101 | 207,495 | 8,609 | ..... |
| 1872..... | 113,954 | 118,275 | 232,229 | 24,734 | ..... |
| 1873..... | 119,500 | 118,911 | 238,411 | 6,182 | ..... |
| 1874..... | 121,628 | 114,613 | 236,241 | ..... | 2,170 |
| 1875..... | 123,969 | 111,832 | 234,821 | ..... | 1,420 |
| 1876..... | 124,239 | 107,696 | 232,137 | ..... | 2,684 |
| 1877..... | 126,738 | 103,381 | 232,104 | ..... | 33 |
| 1878..... | 131,649 | 92,349 | 223,998 | ..... | 8,103 |

In the above are included those pensioned for service in the War of 1812, 12,803; also the widows of the soldiers and sailors of that war, 4609; all at \$8 per month.

PENSIONS PAID BY THE UNITED STATES IN 1878.

[From the Annual Report of the Commissioner of Pensions, 1878.]

| | Whole amount paid for pensions during year. | Whole number of pensioners. | Yearly value of pensions. | Condition of Pension Office business. |
|----------------------|---|-----------------------------|---------------------------|---|
| Army : | | | | |
| Invalid..... | \$13,071,358 06 | 119,461 | \$12,432,377 72 | Claims pending June 30, 1877, 91,444. |
| Widows, etc. | 11,892,972 61 | 86,919 | 9,812,697 50 | New claims filed during the year 1877-78, 67,218. |
| Navy : | | | | Total number disposed of during year, 43,370. |
| Invalid..... | 109,981 42 | 1,731 | 200,944 08 | Claims pending June 30, 1878, 120,387. |
| Widows, etc. | 302,969 49 | 1,705 | 305,390 60 | Increase in number of pending claims, 28,943. |
| War of 1812 : | | | | |
| Survivors..... | 768,918 47 | 10,407 | 999,072 00 | |
| Widows..... | 294,572 05 | 3,725 | 357,600 00 | |
| Total..... | \$26,530,792 10 | 223,996 | \$24,107,981 90 | |

Statement of the Rates of Pension, and the Number Pensioned to each Rate, of the Army and Navy Invalids on the Rolls June 30, 1878.

| Annual Pension. | Number of Pensioners. | Annual Pension. | Number of Pensioners. | Annual Pension. | Number of Pensioners. | Annual Pension. | Number of Pensioners. |
|-----------------|-----------------------|-----------------|-----------------------|-----------------|-----------------------|-----------------|-----------------------|
| \$364 00 | 11 | \$204 00 | 605 | \$132 00 | .. | \$69 00 | 1 |
| 600 00 | 701 | 201 00 | 16 | 129 00 | 18 | 67 92 | 45 |
| 480 00 | 1 | 199 92 | 14 | 127 44 | 7 | 67 44 | 7 |
| 462 00 | 1 | 195 00 | 1 | 126 00 | 9 | 66 03 | 2 |
| 432 00 | 24 | 192 00 | 627 | 123 00 | 2 | 63 93 | 1,042 |
| 375 00 | 331 | 189 00 | 9 | 122 40 | 1 | 63 00 | 2 |
| 360 00 | 206 | 187 44 | 1 | 120 00 | 4,323 | 60 00 | 2,225 |
| 319 92 | 1 | 180 00 | 1,263 | 117 00 | 6 | 54 00 | 2 |
| 315 00 | 2 | 177 00 | 1 | 114 00 | 5 | 51 00 | 163 |
| 312 00 | 1 | 174 00 | 2 | 112 44 | 1 | 48 00 | 28,232 |
| 309 00 | 1 | 171 00 | 5 | 108 00 | 42 | 45 00 | 132 |
| 300 00 | 162 | 168 00 | 1,860 | 105 00 | 5 | 42 00 | 3 |
| 288 00 | 6,336 | 165 00 | 5 | 102 00 | 618 | 40 80 | 1 |
| 270 00 | 58 | 162 00 | 7 | 99 96 | 6 | 39 96 | 2 |
| 237 00 | 1 | 159 96 | 38 | 99 00 | 2 | 38 40 | 4 |
| 264 00 | 9 | 159 00 | 17 | 96 00 | 18,310 | 36 00 | 4,291 |
| 261 00 | 2 | 156 00 | 101 | 93 00 | 1 | 31 92 | 1,291 |
| 240 00 | 772 | 153 00 | 255 | 90 00 | 468 | 30 00 | 12 |
| 234 00 | 2 | 150 00 | 125 | 87 00 | 1 | 27 00 | 9 |
| 231 00 | 2 | 147 00 | 3 | 84 00 | 445 | 24 00 | 10,737 |
| 228 00 | 2 | 144 00 | 4,799 | 81 00 | 2 | 23 44 | 2 |
| 225 00 | 51 | 141 00 | 2 | 79 92 | 40 | 19 20 | 4 |
| 222 00 | 3 | 139 92 | 2 | 78 00 | 2 | 15 96 | 5 |
| 219 00 | 4 | 138 00 | 18 | 76 44 | 16 | 12 00 | 531 |
| 216 00 | 11,192 | 135 96 | 61 | 75 00 | 31 | | |
| 210 00 | 7 | 135 00 | 135 | 72 00 | 18,212 | | |

NOTE.—The above table includes invalid pensioners, July 1, 1878, but does not include pensions paid to widows, etc.

POST-OFFICE STATISTICS OF THE UNITED STATES— 1790-1878.

| YEARS. | No. of Post-Offices. | Extent of Post-Routes in Miles. | Revenue of the Department | Expenditure of the Department | Amount paid for Salaries of Postmaster's | Transport'n of the Mail. |
|------------|----------------------|---------------------------------|---------------------------|-------------------------------|--|--------------------------|
| 1790 ... | 75 | 1,875 | \$37,935 | \$32,140 | \$8,198 | \$22,081 |
| 1795 | 458 | 13,207 | 160,620 | 177,893 | 30,272 | 75,359 |
| 1800 | 903 | 20,817 | 280,804 | 213,994 | 69,243 | 128,644 |
| 1805 | 1,558 | 31,076 | 421,373 | 377,367 | 111,552 | 239,635 |
| 1810 | 2,300 | 36,406 | 551,684 | 495,969 | 149,438 | 327,966 |
| 1815 | 3,000 | 43,748 | 1,043,065 | 748,121 | 241,901 | 487,779 |
| 1816 | 3,260 | 48,673 | 961,782 | 804,422 | 265,944 | 521,970 |
| 1817 | 3,459 | 52,089 | 1,002,973 | 916,515 | 303,916 | 589,189 |
| 1818 | 3,618 | 59,473 | 1,130,235 | 1,035,832 | 346,429 | 664,611 |
| 1819 | 4,000 | 67,586 | 1,204,737 | 1,117,861 | 375,828 | 717,881 |
| 1820 | 4,500 | 72,492 | 1,111,927 | 1,160,926 | 352,295 | 782,425 |
| 1821 | 4,650 | 78,808 | 1,059,087 | 1,184,283 | 337,529 | 615,661 |
| 1822 | 4,709 | 82,763 | 1,117,490 | 1,167,572 | 355,209 | 788,618 |
| 1823 | 4,043 | 84,860 | 1,130,115 | 1,156,995 | 360,462 | 767,464 |
| 1824 | 5,182 | 84,860 | 1,197,758 | 1,188,019 | 383,804 | 768,939 |
| 1825 | 5,677 | 94,052 | 1,308,525 | 1,229,043 | 411,183 | 785,646 |
| 1826 | 6,150 | 94,052 | 1,447,703 | 1,366,712 | 447,727 | 885,100 |
| 1827 | 7,003 | 105,336 | 1,524,633 | 1,468,959 | 486,411 | 942,345 |
| 1828 | 7,530 | 105,336 | 1,659,915 | 1,689,945 | 548,049 | 1,086,313 |
| 1829 | 8,004 | 115,000 | 1,707,418 | 1,782,132 | 559,237 | 1,153,646 |
| 1830 | 8,450 | 115,176 | 1,850,583 | 1,932,708 | 595,234 | 1,274,009 |
| 1831 | 8,686 | 115,486 | 1,997,811 | 1,936,122 | 635,028 | 1,252,226 |
| 1832 | 9,205 | 104,466 | 2,258,570 | 2,266,171 | 715,481 | 1,482,507 |
| 1833 | 10,127 | 119,916 | 2,617,011 | 2,930,414 | 826,283 | 1,894,638 |
| 1834 | 10,693 | 119,916 | 2,823,749 | 2,910,605 | 897,317 | 1,925,544 |
| 1835 | 10,770 | 112,774 | 2,993,356 | 2,757,350 | 945,418 | 1,719,007 |
| 1836 | 11,091 | 118,264 | 3,408,323 | 3,841,766 | 812,803 | 1,638,052 |
| 1837 | 11,767 | 141,242 | 4,236,779 | 3,544,630 | 891,352 | 1,996,727 |
| 1838 | 12,519 | 134,818 | 4,238,733 | 4,430,662 | 933,948 | 3,131,308 |
| 1839 | 12,780 | 132,999 | 4,484,657 | 4,636,533 | 980,000 | 3,285,622 |
| 1840 | 13,468 | 155,739 | 4,543,522 | 4,718,236 | 1,028,925 | 3,296,876 |
| 1841 | 13,778 | 155,026 | 4,407,726 | 4,499,523 | 1,018,645 | 3,159,373 |
| 1842 | 13,733 | 149,732 | 4,546,849 | 5,674,752 | 1,147,256 | 3,087,796 |
| 1843 | 13,814 | 142,205 | 4,296,225 | 4,374,754 | 1,426,394 | 2,947,319 |
| 1844 | 14,103 | 144,687 | 4,237,288 | 4,296,513 | 1,358,316 | 2,938,551 |
| 1845 | 14,183 | 143,940 | 4,289,841 | 4,320,732 | 1,409,875 | 2,905,504 |
| 1846 | 14,601 | 152,865 | 3,487,199 | 4,084,297 | 1,042,079 | 2,716,673 |
| 1847 | 15,146 | 153,818 | 3,955,893 | 3,979,570 | 1,060,228 | 2,476,455 |
| 1848 | 16,150 | 163,208 | 4,371,077 | 4,326,850 | ..... | 2,394,703 |
| 1849 | 16,749 | 163,703 | 4,905,176 | 4,479,049 | 1,320,321 | 2,577,407 |
| 1850 | 18,417 | 178,672 | 5,552,971 | 5,212,953 | 1,549,376 | 2,965,786 |
| 1851 | 19,796 | 196,290 | 6,727,867 | 6,278,402 | 1,781,686 | 3,538,064 |
| 1852 | 20,801 | 214,284 | 6,925,971 | 7,108,459 | 1,296,765 | 4,235,311 |
| 1853 | 22,820 | 217,743 | 5,940,725 | 7,982,957 | 1,406,477 | 4,906,308 |
| 1854 | 23,548 | 219,935 | 6,955,586 | 8,577,424 | 1,707,709 | 5,401,382 |
| 1855 | 24,410 | 227,908 | 7,342,136 | 9,968,342 | 2,135,385 | 6,076,335 |
| 1856 | 25,565 | 229,642 | 7,620,823 | 10,405,286 | 2,102,801 | 6,765,639 |
| 1857 | 26,586 | 242,601 | 8,053,958 | 11,508,058 | 2,285,610 | 7,239,333 |
| 1858 | 27,977 | 260,603 | 8,186,793 | 12,722,470 | 2,355,016 | 8,246,054 |
| 1859 | 28,539 | 260,053 | 8,668,484 | 15,754,093 | 2,453,901 | 7,157,629 |
| 1860 | 28,496 | 240,594 | 8,518,067 | 19,170,610 | 2,552,868 | 8,808,710 |
| 1861 | 28,586 | 140,139 | 8,349,296 | 13,606,759 | 2,514,157 | 5,309,454 |
| 1862 | 28,875 | 134,013 | 8,299,821 | 11,125,364 | 2,340,767 | 5,853,834 |
| 1863 | 29,047 | 139,598 | 11,163,790 | 11,314,207 | 2,876,983 | 5,740,576 |
| 1864 | 28,878 | 139,171 | 12,438,254 | 12,644,786 | 3,174,326 | 5,818,469 |
| 1865 | 20,550 | 142,340 | 14,556,159 | 13,694,728 | 3,383,363 | 6,246,884 |
| 1866 | 23,828 | 180,921 | 14,386,986 | 15,352,079 | 3,454,677 | 7,630,474 |
| 1867 | 25,163 | 203,345 | 15,237,027 | 19,235,483 | 4,033,728 | 9,336,286 |
| 1868 | 26,481 | 216,982 | 16,292,601 | 22,730,593 | 4,255,311 | 10,266,056 |
| 1869 | 27,106 | 223,731 | 18,244,511 | 23,698,131 | 4,546,968 | 10,406,501 |
| 1870 | 28,492 | 231,232 | 19,772,221 | 23,998,837 | 4,673,466 | 10,884,653 |
| 1871 | 30,045 | 238,359 | 20,037,045 | 24,390,104 | 5,028,362 | 11,529,395 |
| 1872 | 31,863 | 251,398 | 21,915,426 | 26,658,192 | 5,121,085 | 15,547,821 |
| 1873 | 33,244 | 256,200 | 22,996,742 | 29,084,946 | 5,725,408 | 16,161,034 |
| 1874 | 34,294 | 269,097 | 26,477,072 | 32,126,415 | 5,818,472 | 18,881,319 |
| 1875 | 35,547 | 277,873 | 28,791,360 | 33,611,309 | 7,049,066 | 18,777,201 |
| 1876 | 36,383 | 281,798 | 27,895,908 | 33,263,488 | 7,397,367 | 18,261,043 |
| 1877 | 37,345 | 292,820 | 27,468,323 | 33,483,322 | 7,295,251 | 18,529,238 |
| 1878 | 39,258 | 301,960 | 29,277,517 | 34,165,084 | 7,977,852 | 19,262,421 |

LETTER-CARRIER OFFICES IN THE UNITED STATES.

| CITIES. | Stations. | No. of Carriers. | CITIES. | Stations. | No. of Carriers. | CITIES. | Stations. | No. of Carriers. |
|------------------------|-----------|------------------|-----------------------|-----------|------------------|--|-----------|------------------|
| Alabama. | | | Portland..... | 10 | | Poughkeepsie | | 6 |
| Mobile..... | 6 | | Maryland. | | | Rochester..... | | 23 |
| California. | | | Baltimore..... | 62 | | Syracuse..... | | 17 |
| San Francisco..... | 3 | 42 | Massachusetts. | | | Troy..... | | 15 |
| Connecticut. | | | Boston..... | 23 | 154 | Utica..... | | 13 |
| Hartford..... | 11 | | Fall River..... | 4 | | Ohio. | | |
| New Haven..... | 14 | | Lawrence..... | 8 | | Cincinnati..... | 3 | 72 |
| Delaware. | | | Lowell..... | 8 | | Cleveland..... | 3 | 81 |
| Wilmington..... | 10 | | Lynn..... | 7 | | Columbus..... | | 12 |
| Dist. Columbia. | | | New Bedford..... | 7 | | Dayton..... | | 12 |
| Washington..... | 37 | | Salem..... | 6 | | Toledo..... | | 13 |
| Georgia. | | | Springfield..... | 8 | | Pennsylvania. | | |
| Atlanta..... | 6 | | Worcester..... | 10 | | Allegheny..... | | 11 |
| Savannah..... | 6 | | Michigan. | | | Easton..... | | 6 |
| Illinois. | | | Detroit..... | 31 | | Erie..... | | 7 |
| Bloomington..... | 6 | | Grand Rapids..... | 8 | | Harrisburgh..... | | 5 |
| Chicago..... | 6 | 157 | Minnesota. | | | Lancaster..... | | 5 |
| Peoria..... | 8 | | Minneapolis..... | 7 | | Philadelphia..... | 22 | 247 |
| Quincy..... | 7 | | Saint Paul..... | 10 | | Pittsburgh..... | | 34 |
| Springfield..... | 4 | | Missouri. | | | Pottsville..... | | 4 |
| Indiana. | | | Kansas City..... | 11 | | Reading..... | | 9 |
| Evansville..... | 7 | | Saint Joseph..... | 6 | | Rhode Island. | | |
| Fort Wayne..... | 7 | | Saint Louis..... | 3 | 107 | Providence..... | | 20 |
| Indianapolis..... | 28 | | Nebraska. | | | South Carolina. | | |
| La Fayette..... | 4 | | Omaha..... | 6 | | Charleston..... | | 8 |
| Iowa. | | | N. Hampshire. | | | Tennessee. | | |
| Burlington..... | 6 | | Manchester..... | 5 | | Memphis..... | | 13 |
| Davenport..... | 7 | | New Jersey. | | | Nashville..... | | 10 |
| Des Moines..... | 6 | | Camden..... | 6 | | Virginia. | | |
| Dubuque..... | 5 | | Elizabeth..... | 6 | | Norfolk..... | | 5 |
| Kansas. | | | Hoboken..... | 4 | | Petersburgh..... | | 5 |
| Leavenworth..... | 5 | | Jersey City..... | 2 | 14 | Richmond..... | | 16 |
| Kentucky. | | | Newark..... | 24 | | West Virginia. | | |
| Covington..... | 4 | | Paterson..... | 7 | | Wheeling..... | | 5 |
| Louisville..... | 30 | | Trenton..... | 6 | | Wisconsin. | | |
| Louisiana. | | | New York. | | | Milwaukee..... | | 26 |
| New Orleans..... | 47 | | Albany..... | 25 | | Total..... | 87 | 2,235 |
| Maine. | | | Brooklyn..... | 4 | 39 | States with Carriers Offices..... | | 29 |
| Bangor..... | 4 | | Buffalo..... | 24 | | Districts " "..... | | 1 |
| | | | Elmira..... | 6 | | Cities " "..... | | 87 |
| | | | New York..... | 19 | 430 | | | |
| | | | Oswego..... | 6 | | | | |

Foreign Postal Cards.

United States postal cards may be sent to foreign countries as follows :

Canada, without additional postage.

Algeria, Austria, Azores, Balearic Islands, Belgium, Canary Islands, Denmark, Egypt, Faroe Islands, Finland, France, Germany, Gibraltar, Great Britain and Ireland, Greece, Greenland, Heligoland, Holland, Iceland, Italy, Madeira Islands, Malta, Moldavia, Montenegro, Netherlands, Newfoundland, Norway, Poland, Portugal, Roumania, Russia, Servia, Spain, Sweden, Switzerland, Tangiers, Turkey and Wallachia, one cent additional.

Aden, Burmah, French Colonies in America, Africa, Asia, Oceania, Guadeloupe, French Guiana, India, and Martinique, three cents additional.

Prepayment of postal cards is compulsory.

POST-OFFICE BUSINESS BY STATES, IN 1878.

Table showing Cost of Carrying the Mail and other Postal Expenditures in each State and Territory, with Receipts from Sale of Postage Stamps and from all other Sources during Fiscal Year ending June 30, 1878.

[Condensed from Annual Report of 6th Auditor of the Treasury, Dec., 1878.]

| STATES AND TERRITORIES. | Receipts from postage stamps, envelopes, and cards. | Total receipts. | Mail transportation by States. | Total expenditures. | Excess of expenditures over receipts. | Excess of receipts over expenditures. |
|-------------------------|---|-----------------|--------------------------------|---------------------|---------------------------------------|---------------------------------------|
| | \$ | \$ | \$ | \$ | \$ | \$ |
| Alabama..... | 260,659 | 273,509 | 244,578 | 427,610 | 154,111 | |
| Alaska..... | 135 | 137 | | 82 | | 54 |
| Arizona..... | 16,211 | 17,942 | 131,179 | 141,927 | 123,985 | |
| Arkansas..... | 183,380 | 192,484 | 348,098 | 477,137 | 284,653 | |
| California..... | 810,426 | 894,711 | 729,706 | 1,187,281 | 292,570 | |
| Colorado..... | 142,443 | 166,271 | 906,103 | 311,618 | 145,347 | |
| Connecticut..... | 578,296 | 621,436 | 197,455 | 514,529 | | 106,907 |
| Dakota..... | 64,010 | 69,971 | 134,613 | 176,396 | 106,425 | |
| Delaware..... | 69,645 | 71,380 | 24,957 | 17,576 | 196 | |
| Dist. of Columbia.. | 168,359 | 177,241 | | 231,926 | 54,685 | |
| Florida..... | 86,991 | 92,940 | 136,600 | 202,766 | 109,826 | |
| Georgia..... | 330,118 | 349,782 | 268,118 | 519,247 | 169,465 | |
| Idaho..... | 21,864 | 23,881 | 93,099 | 106,171 | 84,291 | |
| Illinois..... | 2,306,432 | 2,336,096 | 966,175 | 2,481,929 | 145,838 | |
| Indiana..... | 757,871 | 806,542 | 433,589 | 932,832 | 176,290 | |
| Iowa..... | 887,091 | 956,857 | 458,980 | 1,036,533 | 79,676 | |
| Kansas..... | 409,534 | 423,638 | 881,318 | 1,185,248 | 746,611 | |
| Kentucky..... | 429,039 | 448,971 | 296,048 | 575,898 | 126,927 | |
| Louisiana..... | 276,437 | 298,633 | 234,071 | 400,628 | 110,995 | |
| Maine..... | 463,771 | 489,963 | 226,550 | 512,326 | 22,363 | |
| Maryland..... | 507,257 | 523,631 | 308,945 | 580,144 | 56,512 | |
| Massachusetts..... | 1,877,265 | 2,000,298 | 831,928 | 1,390,425 | | 610,868 |
| Michigan..... | 898,921 | 968,667 | 411,348 | 964,923 | | 8,743 |
| Minnesota..... | 403,567 | 433,047 | 230,779 | 496,279 | 65,233 | |
| Mississippi..... | 191,913 | 205,708 | 170,565 | 300,022 | 94,319 | |
| Missouri..... | 1,017,935 | 1,068,354 | 743,135 | 1,439,369 | 381,535 | |
| Montana..... | 34,232 | 40,314 | 147,788 | 174,310 | 134,005 | |
| Nebraska..... | 202,518 | 216,040 | 477,182 | 650,337 | 434,297 | |
| Nevada..... | 79,207 | 192,407 | 208,167 | 264,667 | 172,400 | |
| New Hampshire..... | 287,704 | 303,498 | 100,414 | 270,485 | | 33,013 |
| New Jersey..... | 581,555 | 609,555 | 237,592 | 567,332 | | 42,223 |
| New Mexico..... | 21,337 | 22,831 | 315,171 | 330,296 | 307,465 | |
| New York..... | 5,294,378 | 5,548,189 | 1,405,074 | 4,304,036 | | 1,344,134 |
| North Carolina..... | 216,567 | 225,016 | 300,457 | 372,513 | 147,497 | |
| Ohio..... | 1,800,907 | 1,888,941 | 1,247,942 | 2,494,048 | 605,107 | |
| Oregon..... | 107,188 | 117,846 | 158,097 | 228,483 | 110,637 | |
| Pennsylvania..... | 2,563,871 | 2,695,232 | 894,340 | 2,369,174 | | 326,059 |
| Rhode Island..... | 200,689 | 222,105 | 43,556 | 135,992 | | 86,113 |
| South Carolina..... | 170,414 | 177,680 | 123,586 | 229,849 | 52,169 | |
| Tennessee..... | 323,258 | 340,796 | 306,368 | 454,243 | 113,448 | |
| Texas..... | 452,856 | 499,925 | 668,174 | 955,305 | 455,380 | |
| Utah..... | 76,935 | 83,084 | 314,231 | 371,237 | 288,203 | |
| Vermont..... | 259,820 | 271,547 | 144,881 | 307,848 | 36,300 | |
| Virginia..... | 439,349 | 453,271 | 396,516 | 680,656 | 227,385 | |
| Washington..... | 38,454 | 41,203 | 125,498 | 151,818 | 110,615 | |
| West Virginia..... | 146,348 | 150,721 | 106,083 | 207,288 | 56,568 | |
| Wisconsin..... | 678,270 | 729,334 | 361,925 | 793,749 | 64,415 | |
| Wyoming..... | 30,185 | 33,110 | 126,334 | 146,008 | 112,898 | |
| | 27,099,662 | 28,679,663 | 16,225,149 | 33,087,291 | 6,960,741 | 2,553,114 |

BUSINESS OF THE POST-OFFICE DEPARTMENT FOR FISCAL YEAR ENDING JUNE 30, 1878.

[Summarized from the Annual Report of the Postmaster-General, Dec., 1878.]

| | |
|---|--------------|
| Whole number of post-offices in operation in the United States..... | 89,258 |
| Whole number of contractors for transportation of the mails..... | 5,966 |
| Whole length of public mail routes in operation..... | 301,966 |
| Length of railroad routes..... | 77,120 |
| Length of steamboat routes..... | 18,069 |
| Length of other routes..... | 206,777 |
| Aggregate cost of mail service..... | \$19,262,421 |
| Aggregate postages on newspapers and periodicals..... | \$1,025,181 |
| Aggregate postage stamps, envelopes, and cards sold..... | \$28,567,185 |
| Number of registered letters and packages mailed..... | 4,808,804 |
| Amount of fees on registered matter (in addition to postage)..... | \$414,999 |
| Number of dead letters and parcels received..... | 3,186,806 |
| Total cost of free delivery service..... | \$1,824,167 |
| Receipts of postage on local matter at free delivery offices..... | 2,582,251 |
| Number of money orders issued (domestic)..... | 5,613,117 |
| Amount of money orders purchased (domestic)..... | \$31,442,365 |
| Average amount of each money order (domestic)..... | 14 51 |
| Fees received for issue of money orders (domestic)..... | \$715,261 |
| Cost of the United States Ocean Mail service..... | \$197,276 |

PUBLIC DEBT OF THE UNITED STATES, 1791-1878.

Statement of Outstanding Principal of the Public Debt of the United States on the 1st of January of each Year from 1791 to 1842, inclusive; and on the 1st of July of each Year from 1843 to 1878, inclusive.

From the Annual Report of the Secretary of the Treasury on the Finances.

| | | | | | |
|-----------|-----------------|-----------|-----------------|-----------|------------------|
| 1791..... | \$75,463,476 52 | 1820..... | \$91,015,566 15 | 1849..... | \$63,061,858 69 |
| 1792..... | 77,227,924 66 | 1821..... | 89,987,427 66 | 1850..... | 63,452,773 55 |
| 1793..... | 90,352,634 04 | 1822..... | 93,546,676 96 | 1851..... | 68,304,796 03 |
| 1794..... | 78,427,404 77 | 1823..... | 90,875,877 28 | 1852..... | 66,199,341 71 |
| 1795..... | 80,747,587 39 | 1824..... | 90,269,777 77 | 1853..... | 59,803,117 70 |
| 1796..... | 83,762,172 07 | 1825..... | 83,788,432 71 | 1854..... | 42,242,222 42 |
| 1797..... | 82,064,479 33 | 1826..... | 81,054,059 99 | 1855..... | 35,586,858 56 |
| 1798..... | 79,228,529 12 | 1827..... | 73,967,357 20 | 1856..... | 31,972,537 90 |
| 1799..... | 78,408,669 77 | 1828..... | 67,475,043 87 | 1857..... | 28,699,831 85 |
| 1800..... | 82,976,294 35 | 1829..... | 58,491,413 67 | 1858..... | 44,911,881 08 |
| 1801..... | 83,088,050 80 | 1830..... | 48,565,406 50 | 1859..... | 58,496,837 83 |
| 1802..... | 86,712,632 25 | 1831..... | 39,123,191 68 | 1860..... | 64,842,287 88 |
| 1803..... | 77,054,686 30 | 1832..... | 24,322,235 18 | 1861..... | 90,580,873 72 |
| 1804..... | 86,427,120 86 | 1833..... | 7,001,696 83 | 1862..... | 524,176,412 13 |
| 1805..... | 82,312,150 50 | 1834..... | 4,760,082 08 | 1863..... | 1,119,772,138 63 |
| 1806..... | 75,723,270 66 | 1835..... | 37,513 05 | 1864..... | 1,815,784,370 57 |
| 1807..... | 69,216,396 64 | 1836..... | 336,957 83 | 1865..... | 2,680,647,669 74 |
| 1808..... | 65,196,317 97 | 1837..... | 3,308,124 07 | 1866..... | 2,773,236,173 69 |
| 1809..... | 57,023,192 09 | 1838..... | 10,434,231 14 | 1867..... | 2,678,126,108 87 |
| 1810..... | 58,173,217 52 | 1839..... | 3,573,343 82 | 1868..... | 2,611,687,651 19 |
| 1811..... | 48,005,587 76 | 1840..... | 5,250,875 54 | 1869..... | 2,588,452,213 94 |
| 1812..... | 45,309,737 90 | 1841..... | 13,594,480 73 | 1870..... | 2,480,672,427 81 |
| 1813..... | 55,962,827 57 | 1842..... | 20,601,226 23 | 1871..... | 2,353,211,332 32 |
| 1814..... | 81,487,840 24 | 1843..... | 32,742,929 00 | 1872..... | 2,253,251,323 78 |
| 1815..... | 99,653,660 15 | 1844..... | 23,461,652 50 | 1873..... | 2,234,482,993 20 |
| 1816..... | 127,324,933 74 | 1845..... | 15,925,306 01 | 1874..... | 2,251,690,468 43 |
| 1817..... | 123,461,935 16 | 1846..... | 15,550,202 97 | 1875..... | 2,232,284,531 93 |
| 1818..... | 103,466,633 83 | 1847..... | 36,826,534 77 | 1876..... | 2,190,395,067 15 |
| 1819..... | 95,589,649 23 | 1848..... | 47,044,862 23 | 1877..... | 2,205,301,322 10 |
| | | | | 1878..... | 2,256,205,892 53 |

ANALYSIS OF THE PUBLIC DEBT OF THE UNITED STATES, FROM JULY 1, 1860, TO JULY 1, 1878.

[Official Statement from the Warrant Division, Treasury Department, Washington.]

| Year ending June 30. | 3 per cents. | 4 per cents. | 4½ per cents. | 5 per cents. | 6 per cents. | 7 3-10 per cents. | Total interest- bearing debt. | Annual interest charge. |
|-------------------------|-----------------|-----------------|------------------|-----------------|---------------|----------------------|--|-------------------------------|
| | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 1860..... | | | | 43,476,300 | 21,164,538 | | 64,640,838 | 3,443,687 |
| 1861..... | | | | 33,022,200 | 57,358,674 | | 90,380,874 | 5,092,630 |
| 1862..... | | 57,926,116 | | 30,483,000 | 154,313,225 | 122,582,485 | 365,304,826 | 22,048,509 |
| 1863..... | | 105,629,385 | | 30,483,000 | 431,444,814 | 139,974,435 | 707,531,624 | 41,854,148 |
| 1864..... | | 77,547,696 | | 300,213,480 | 842,882,652 | 139,286,935 | 1,359,930,763 | 78,853,457 |
| 1865..... | | 90,496,931 | | 245,709,420 | 1,213,495,170 | 671,610,397 | 2,221,311,918 | 137,742,617 |
| 1865, Aug. 31..... | | 618,128 | | 269,175,727 | 1,281,736,439 | 830,000,000 | 2,381,530,294 | 150,977,697 |
| 1866..... | | 121,341,879 | | 201,982,665 | 1,195,546,041 | 813,460,622 | 2,332,331,207 | 146,068,196 |
| 1867..... | | 17,737,025 | | 198,633,435 | 1,543,452,080 | 488,844,847 | 2,248,067,387 | 138,892,451 |
| 1868..... | 64,000,000 | 801,361 | | 221,586,185 | 1,878,303,984 | 37,397,197 | 2,202,088,737 | 128,459,598 |
| 1869..... | 66,125,000 | | | 221,588,300 | 1,874,347,222 | | 2,162,060,522 | 125,523,948 |
| 1870..... | 59,550,000 | | | 221,588,300 | 1,765,317,422 | | 2,046,455,722 | 118,784,960 |
| 1871..... | 45,885,000 | 678,000 | | 274,231,450 | 1,618,897,300 | | 1,934,696,750 | 111,949,330 |
| 1872..... | 24,665,000 | 678,000 | | 414,567,300 | 1,374,835,800 | | 1,814,794,100 | 103,953,463 |
| 1873..... | 14,000,000 | 678,000 | | 414,567,300 | 1,281,238,650 | | 1,710,433,950 | 98,049,804 |
| 1874..... | 14,000,000 | 678,000 | | 510,628,050 | 1,213,624,700 | | 1,738,930,750 | 98,796,004 |
| 1875..... | 14,000,000 | 678,000 | | 607,132,750 | 1,100,865,550 | | 1,722,676,300 | 96,855,690 |
| 1876..... | 14,000,000 | | | 711,685,800 | 984,999,600 | | 1,710,685,400 | 95,104,269 |
| 1877..... | 14,000,000 | | 140,000,000 | 703,266,650 | 854,621,850 | | 1,711,888,500 | 93,160,643 |
| 1878..... | 14,000,000 | 98,850,000 | 240,000,000 | 703,266,650 | 738,619,000 | | 1,794,735,650 | 94,654,472 |

ANALYSIS OF THE PUBLIC DEBT OF THE UNITED STATES—(Continued).

| Year ending June 30. | Debt on which in- terest has ceased. | Debt bearing no interest. | Outstanding principal. | Cash in the Treasury July 1. | Total debt, less cash in Treasury. | Popula- tion of the U. S. | Debt per capita. | Interest per capita. |
|-------------------------|---|---------------------------------|---------------------------|------------------------------------|--|---------------------------------|------------------------|----------------------------|
| | \$ | \$ | \$ | \$ | \$ | | \$ | \$ |
| 1860..... | 201,450 | | 64,842,288 | 4,877,896 | 59,964,402 | 31,443,821 | 1 91 | 0 11 |
| 1861..... | 199,999 | | 90,580,874 | 2,862,213 | 87,718,660 | 32,064,000 | 2 74 | 0 16 |
| 1862..... | 280,195 | 158,591,390 | 524,176,412 | 18,863,660 | 505,312,752 | 32,704,000 | 15 45 | 0 67 |
| 1863..... | 473,048 | 411,767,456 | 1,119,772,138 | 8,421,401 | 1,111,350,737 | 33,365,000 | 33 31 | 1 25 |
| 1864..... | 416,335 | 455,437,271 | 1,315,784,370 | 106,332,093 | 1,709,452,277 | 34,046,000 | 50 21 | 2 32 |
| 1865..... | 1,245,771 | 458,090,180 | 2,680,647,869 | 6,832,013 | 2,674,815,856 | 34,748,000 | 76 98 | 3 97 |
| 1865, Aug. 31..... | 1,503,020 | 461,616,311 | 2,844,649,626 | 88,218,055 | 2,756,431,671 | 35,228,000 | 78 25 | 4 29 |
| 1866..... | 935,092 | 439,969,874 | 2,773,236,173 | 137,200,010 | 2,636,036,163 | 35,469,000 | 74 32 | 4 12 |
| 1867..... | 1,840,615 | 428,218,101 | 2,678,126,103 | 169,974,892 | 2,508,151,211 | 36,211,000 | 69 26 | 3 84 |
| 1868..... | 1,197,330 | 408,401,782 | 2,611,687,851 | 130,834,438 | 2,480,853,413 | 36,973,000 | 67 10 | 3 48 |
| 1869..... | 5,260,181 | 421,131,510 | 2,588,452,213 | 155,680,340 | 2,432,771,873 | 37,756,000 | 64 43 | 3 32 |
| 1870..... | 3,708,641 | 430,508,064 | 2,480,672,427 | 149,502,471 | 2,331,169,956 | 38,558,371 | 60 46 | 3 08 |
| 1871..... | 1,948,902 | 416,565,680 | 2,353,211,332 | 106,217,264 | 2,246,994,068 | 39,555,000 | 56 81 | 2 83 |
| 1872..... | 7,926,797 | 430,530,431 | 2,253,251,328 | 103,470,798 | 2,149,780,530 | 40,604,000 | 52 95 | 2 76 |
| 1873..... | 51,029,710 | 472,069,332 | 2,234,482,993 | 129,020,933 | 2,105,462,060 | 41,704,000 | 50 49 | 2 35 |
| 1874..... | 3,216,590 | 509,543,128 | 2,251,690,468 | 147,541,315 | 2,104,149,153 | 42,856,000 | 49 10 | 2 31 |
| 1875..... | 11,425,820 | 493,182,411 | 2,232,384,531 | 142,243,361 | 2,090,041,170 | 44,060,000 | 47 44 | 2 19 |
| 1876..... | 3,902,420 | 465,807,196 | 2,180,395,066 | 119,469,726 | 2,060,925,340 | 45,316,000 | 45 48 | 2 10 |
| 1877..... | 16,648,860 | 476,764,031 | 2,205,301,392 | 186,025,961 | 2,019,275,431 | 46,624,000 | 43 31 | 2 00 |
| 1878..... | 5,594,660 | 455,575,682 | 2,256,205,892 | 256,823,612 | 1,999,382,280 | 47,983,000 | 41 67 | 1 97 |

NOTE 1.—The annual interest charge is computed upon the amount of outstanding principal at the close of the fiscal year, and is exclusive of interest charge on Pacific Railway bonds.

2.—The statement of population for 1860 and 1870 is by enumeration, and for other years from estimates by E. B. Elliott, of this department.

3.—The slight increase of the interest charge for 1873 is owing to the interest charge on bonds sold for resumption, less the amount saved by refunding at lower rates.

4.—The Temporary Loan, per act of July 11, 1862, is included in the 4 per cents from 1862 to 1863, inclusive, with the exception of the amount outstanding for August 31, 1863, this being the date at which the public debt reached its highest point. This loan bore interest from 4 per cent. to 6 per cent., and was redeemable on ten-days' notice after thirty days, but being constantly changing, it has been considered more equitable to include the whole amount outstanding as bearing 4 per cent. interest on an average for the year.

DESCRIPTION OF UNITED STATES BONDS OUTSTANDING, JAN. 1, 1879.

[From the Monthly Debt Statement of the U. S. Treasury.]

| TITLE OF LOAN. | Interest. | When redeemable. | Interest payable. | AMOUNT OUTSTANDING. | | |
|--|-----------|----------------------|-------------------|---------------------|-------------|---------------|
| | | | | Registered | Coupon. | Total. |
| | | | | Dollars. | Dollars. | Dollars. |
| Loan of 1858 ... | 5 | After Jan. 1, 1874. | Jan. & July | 260,000 | ..... | 260,000 |
| Loan of Febr. 1861 ('81's).... | 6 | ..... | Jan. & July | 13,991,000 | 4,424,000 | 18,415,000 |
| Oregon War Debt..... | 6 | ..... | Jan. & July | ..... | 945,000 | 945,000 |
| Loan of July & Aug. '61 ('81's).... | 6 | After June 30, 1881. | Jan. & July | 130,367,000 | 50,004,350 | 180,371,350 |
| Loan of 1863 ('81's)..... | 6 | June 30, 1881. | Jan. & July | 55,743,730 | 19,256,230 | 75,000,000 |
| Consols of 1865 (5-20's)..... | 6 | July 1, 1870. | Jan. & July | 18,203,650 | 7,879,000 | 26,082,650 |
| Consols of 1867 (5-20's)..... | 6 | July 1, 1872. | Jan. & July | 117,622,550 | 192,431,450 | 310,054,000 |
| Consols of 1868 (5-20's)..... | 6 | July 1, 1873. | Jan. & July | 16,209,500 | 21,255,800 | 37,465,300 |
| Ten forties of 1864..... | 5 | March 1, 1874 | Mar. & Sep. | 144,230,800 | 50,283,500 | 194,514,300 |
| Funded Loan of 1881 (3's)..... | 5 | May 1, 1881. | F.M.A. & N. | 253,175,500 | 253,204,850 | 506,380,350 |
| Funded Loan of 1891 (4's)..... | 4½ | Sept. 1, 1891. | M.J.S. & D. | 104,715,750 | 85,284,250 | 190,000,000 |
| Funded Loan of 1907 (4's)..... | 4 | July 1, 1907. | J. A.J. & O. | 136,369,700 | 62,330,300 | 198,700,000 |
| Aggregate of debt bearing interest in coin.... | | | | 1,084,361,550 | 764,389,300 | 1,798,750,750 |

Bonds Issued to the Pacific Railway Companies, Interest Payable in Lawful Money.

| NAME OF RAILWAYS. | Interest. | Principal Outstanding. | Interest paid by the United States. | Interest re-paid by transportation of mails, etc. | Balance of interest paid by the United States. |
|------------------------------------|-----------|------------------------|-------------------------------------|---|--|
| | | Dollars. | Dollars. | Dollars. | Dollars. |
| Central Pacific | 6 | 25,865,120 | 15,687,019 27 | 2,516,742 86 | 13,170,276 41 |
| Kansas Pacific..... | 6 | 6,303,000 | 4,238,433 09 | 1,744,683 89 | 2,498,749 20 |
| Union Pacific..... | 6 | 27,236,512 | 16,786,896 81 | 6,145,214 86 | 10,641,681 95 |
| Central Branch, Union Pacific..... | 6 | 1,600,000 | 1,009,808 26 | 71,445 54 | 998,362 72 |
| Western Pacific | 6 | 1,970,560 | 1,077,080 94 | 9,367 00 | 1,067,713 04 |
| Sioux City and Pacific.. | 6 | 1,628,820 | 975,801 49 | 83,648 56 | 892,152 93 |
| Totals..... | | 64,623,512 | 39,835,039 86 | 10,571,102 71 | 29,263,987 15 |

All the above bonds bear 6 per cent. interest payable semi-annually, in January and July. The bonds run 30 years from date, bearing various dates from 1863 to 1899.

Information respecting the Bonds of the United States, the Various Issues authorized, the Interest, Methods of Purchase and Transfer, and Amount of each Issue Outstanding on the 1st of December, 1878.

Condensed from Fisk & Hatch's Circulars, and the Reports and Debt Statements of the Treasury Department.

ALTHOUGH the various issues of government bonds are quoted and dealt in at the Stock Exchange, the principal transactions take place in the offices of the large dealers, who make a specialty of dealing in them, and with whom parties desiring to buy or sell may transact the business direct.

Coupon bonds may be converted into registered bonds of the same issue, at the Treasury Department in Washington, but there is no provision of law for converting registered bonds into coupon bonds.

Coupon bonds, being payable to bearer, pass by delivery without assignment, and are therefore more convenient for sale and delivery than registered bonds. The interest coupons being also payable to the bearer upon presentation at any Sub-Treasury of the United States, the holder of coupon bonds may collect his interest without the necessity of personal identification. The coupons can also be sold to almost any bank, banker, or broker throughout the country at very nearly the market value of gold in New York at the time.

For these reasons the coupon bonds are preferred for temporary investment by parties who may wish to sell them within a short time, and also by those who desire to avoid the trouble attending the collection of the interest on registered bonds, and by those who have satisfactory facilities for the safe-keeping of their bonds.

The courts have decided that a coupon bond payable to bearer is good in the hands of an innocent and *bona fide* holder; hence the risk of a bond not registered in the name of the owner.

The difficulty of holding coupon bonds with safety has been, to a considerable extent, removed by the establishment of "Safe Deposit Companies," who undertake for a moderate compensation the custody of securities under the most favorable conditions for securing absolute safety.

As a general rule, the smaller denominations of coupon bonds (50's and 100's) cannot be bought or sold at as close quotations as the larger denominations (500's and 1000's). The smaller denominations usually sell lower than the larger, the variations at different periods and in the different issues being from one quarter of one per cent to one per cent.

Registered bonds are issued without interest coupons, and are filled up in the name of the owner and made payable to him or his assigns, and are registered on the books of the Treasury Department in the name of the party to whom they are filled up, and are not available to any other person until properly assigned or transferred by the registered owner.

If registered bonds are lost or stolen, payment may be stopped by notifying the Treasury Department at Washington, when they will not be transferred or redeemed except on the order of the rightful owner. If destroyed by fire or otherwise, duplicates will be issued to the registered owner upon satisfactory proof.

For the foregoing reasons registered bonds afford greater security in case of loss, theft, or destruction than coupon bonds, and are therefore preferable for long or permanent investment, and for investors who have not the proper facilities for the safe keeping of coupon bonds.

They are transferable on the books of the Treasury Department at Washington, when forwarded there with a proper assignment filled up and executed, in accordance with a form printed on the back of the bonds. When a transfer is made, the old bond is cancelled and a new one issued in the name of the party to whom it has been transferred.

In assigning registered bonds for sale in the market, the space for the assignee's name should be left blank, to be filled up by the purchaser or future owner of the bond with the name of the person to whom it is to be transferred.

Registered bonds, properly assigned in this form, with the assignment duly acknowledged, pass by delivery among dealers and brokers, and parties known to each other, but should not be received from strangers without proper identification.

Purchasers of registered bonds, intending or expecting to hold them over the next semi-annual payment of interest, should, in all cases, forward them to Washington for transfer to their own names before the closing of the transfer books prior to the payment of the interest. Otherwise the interest will be payable to the previous

owner, in whose name the body of the bond is filled up, and can only be obtained by the present owner through him. The collection of the interest, under these circumstances, is often attended with much difficulty and embarrassment, and, sometimes, from inability to find the former owner, is impossible.

The transfer books close *thirty days* prior to the date at which the interest becomes due.

Registered bonds for transfer should be forwarded in time to reach the Treasury Department on or before the day on which the books close.

The dealers in government bonds will ordinarily forward the bonds for transfer for their customers at the time of purchase, when requested to do so, and deliver to the purchaser the new bonds in his own name in from two to four days thereafter.

The interest on registered bonds is payable at the Treasury Department at Washington, or at any Sub-Treasury of the United States (*which may be designated at the time the bonds are transferred*, or at which the owner may, at any time, prior to the closing of the transfer books, request that it may be made payable), to the owner in person, or to his duly authorized attorney, upon the signing of a receipt therefor.

"Called Bonds" are the five-twentys which have been called in by the government for redemption, and upon which interest has ceased.

They have been called in at different periods, the separate calls being known and designated by numbers, and the bonds cease to bear interest ninety days after the date at which they are called in.

QUOTATIONS, DENOMINATIONS, ETC.

All government bonds are dealt in and quoted **FLAT**—that is to say, the quoted market price is for the bond as it stands at the time, including the accrued interest—except that after the closing of the transfer books the registered bonds are quoted **EX-INTEREST**; that is to say, the interest then coming due belongs to the holder of the bond at the time of the closing of the books, and does not go with the bond to the purchaser.

The acts of July 14th, 1870, and January 30th, 1871, under which the five per cent bonds of 1861 are issued, known as the "Funding Acts," also authorize the issue of \$300,000,000 in 4½ per cent bonds, redeemable at the option of the government after fifteen years from their date, or May 1st, 1891, and \$700,000,000 in 4 per cent bonds, redeemable after thirty years. These bonds can only be issued for the purpose of funding the outstanding five-twenty bonds. The acts declare that no increase in the total of the public debt is authorized thereby, and prohibit the sale of the bonds at a less price than par in coin.

The negotiation of the four and a half per cent bonds was commenced in September, 1876, by the sale to a syndicate of American and foreign bankers of \$40,000,000, with an option to take any portion of the remainder of the issue upon the same terms, at any time prior to March 1st, 1877. The whole amount subscribed of the 4½ per cents up to December 1st, 1878, was \$350,000,000, of which \$235,000,000 were applied to the redemption of 6 per cent bonds.

The first negotiation of any of the four per cent bonds was on the 9th of June, 1877, by contract with a syndicate of bankers, who agreed to take 50 millions of the 4 per cents authorized by the act of 1870. The Secretary of the Treasury required as a condition precedent to the contract, that the 50 and 100 dollar bonds should be open to popular subscriptions at par and accrued interest for thirty days from the 16th of June, 1877. These subscriptions reached the sum of \$75,496,550 at the close of thirty days. The price paid by the syndicate was par in coin, but they were allowed one half of one per cent commission on all amounts taken, they paying all expenses of placing the bonds, whether in the United States or abroad.

Coupon bonds, at times, sell considerably higher than registered bonds of the same issue, the difference in some instances having been as high as two per cent.

For this reason holders of government bonds can, at times, materially increase their income from the investment by taking coupon bonds when the market price is the same, or nearly so, and exchanging them for registered bonds when a difference can be realized, and re-exchanging again when the price again becomes equalized.

Registered bonds rarely sell more than one eighth of one per cent higher than coupon bonds, for the reason that the latter can always be converted into the former at the bare cost of forwarding them to the Treasury Department for that purpose.

All the issues of United States bonds now outstanding, except the currency sizes, ARE PAYABLE IN COIN, either by the express terms of the acts under which they are issued, or by the pledge of the faith of the United States in the "Public Credit Act" of March 15th, 1869.

**RECEIPTS OF THE UNITED STATES FROM MARCH 4,
1789, TO JUNE 30, 1878.**

| YEARS. | Customs. | Internal Revenue. | Direct Tax. | Public Lands. |
|----------------|----------------|-------------------|--------------|---------------|
| 1789-1791..... | \$4,399,473 09 | ..... | ..... | ..... |
| 1792..... | 2,443,070 85 | \$308,943 81 | ..... | ..... |
| 1793..... | 4,255,306 56 | 337,705 70 | ..... | ..... |
| 1794..... | 4,801,065 28 | 274,089 62 | ..... | ..... |
| 1795..... | 5,588,461 26 | 337,755 26 | ..... | ..... |
| 1796..... | 6,587,987 94 | 475,289 60 | ..... | \$4,856 12 |
| 1797..... | 7,549,649 65 | 575,491 45 | ..... | 83,540 60 |
| 1798..... | 7,106,061 28 | 644,857 95 | ..... | 11,963 11 |
| 1799..... | 6,610,449 31 | 779,136 44 | ..... | ..... |
| 1800..... | 9,080,932 73 | 809,296 55 | \$784,222 97 | 443 75 |
| 1801..... | 10,750,778 23 | 1,048,083 43 | 534,243 38 | 167,726 06 |
| 1802..... | 12,432,235 74 | 621,898 89 | 206,565 44 | 188,632 02 |
| 1803..... | 10,479,417 61 | 215,179 69 | 71,879 20 | 165,675 69 |
| 1804..... | 11,098,565 23 | 50,941 29 | 50,198 44 | 487,526 79 |
| 1805..... | 12,926,487 04 | 21,747 15 | 21,882 91 | 540,193 80 |
| 1806..... | 14,667,696 17 | 20,101 45 | 55,763 86 | 765,245 73 |
| 1807..... | 15,845,521 61 | 13,051 40 | 34,732 56 | 466,163 27 |
| 1808..... | 16,363,550 58 | 8,190 23 | 19,159 21 | 647,939 06 |
| 1809..... | 7,257,506 62 | 4,084 29 | 7,517 31 | 442,222 23 |
| 1810..... | 8,553,309 31 | 7,430 63 | 12,448 68 | 696,548 82 |
| 1811..... | 13,313,222 73 | 2,295 95 | 7,666 66 | 1,040,237 53 |
| 1812..... | 8,958,777 53 | 4,903 06 | 899 22 | 710,427 78 |
| 1813..... | 13,224,623 25 | 4,755 04 | 2,905 52 | 835,655 14 |
| 1814..... | 5,998,772 08 | 1,632,984 82 | 2,219,497 36 | 1,135,971 09 |
| 1815..... | 7,252,942 22 | 4,678,059 07 | 2,162,673 41 | 1,287,959 23 |
| 1816..... | 26,306,874 88 | 5,124,708 31 | 4,253,635 09 | 1,717,955 08 |
| 1817..... | 26,283,348 49 | 2,678,100 77 | 1,834,187 04 | 1,991,226 06 |
| 1818..... | 17,176,385 00 | 955,270 20 | 264,233 36 | 2,006,524 77 |
| 1819..... | 20,283,608 76 | 229,593 63 | 83,650 78 | 3,274,422 78 |
| 1820..... | 15,005,612 15 | 106,260 53 | 31,586 82 | 1,635,871 61 |
| 1821..... | 13,004,447 15 | 60,027 63 | 29,249 05 | 1,212,966 46 |
| 1822..... | 17,599,761 94 | 67,665 71 | 20,951 56 | 1,906,521 34 |
| 1823..... | 19,068,432 44 | 34,242 17 | 10,337 71 | 916,822 10 |
| 1824..... | 17,878,825 71 | 24,063 37 | 6,291 96 | 964,412 15 |
| 1825..... | 20,098,713 45 | 25,771 35 | 2,230 85 | 1,216,000 56 |
| 1826..... | 23,341,331 77 | 21,589 98 | 6,688 76 | 1,366,733 09 |
| 1827..... | 19,712,283 29 | 19,895 68 | 2,636 90 | 1,435,845 26 |
| 1828..... | 22,205,522 64 | 17,451 54 | 2,218 81 | 1,018,308 73 |
| 1829..... | 22,681,965 91 | 14,502 74 | 11,235 05 | 1,517,175 13 |
| 1830..... | 21,922,391 39 | 12,160 62 | 16,960 59 | 2,239,256 14 |
| 1831..... | 24,224,441 77 | 6,983 51 | 10,506 01 | 2,210,815 43 |
| 1832..... | 22,465,237 24 | 11,630 65 | 6,791 12 | 2,622,261 08 |
| 1833..... | 29,062,508 91 | 2,759 00 | 394 12 | 3,967,666 55 |
| 1834..... | 16,214,937 15 | 4,196 09 | 19 80 | 4,657,000 69 |
| 1835..... | 19,391,310 59 | 10,459 48 | 4,263 33 | 14,797,000 75 |
| 1836..... | 23,409,940 53 | 870 00 | 738 79 | 24,877,179 86 |
| 1837..... | 11,169,230 39 | 5,493 84 | 1,687 70 | 6,778,226 52 |
| 1838..... | 16,156,800 36 | 2,467 27 | ..... | 5,730,945 06 |
| 1839..... | 23,137,924 81 | 2,553 22 | 755 22 | 7,361,576 40 |
| 1840..... | 13,499,503 17 | 1,682 25 | ..... | 3,411,816 63 |
| 1841..... | 14,487,216 74 | 3,261 36 | ..... | 1,265,627 42 |
| 1842..... | 18,187,908 76 | 495 00 | ..... | 1,225,797 52 |
| 1843..... | 7,046,842 91 | 103 25 | ..... | 898,158 13 |
| 1844..... | 26,183,570 94 | 1,777 34 | ..... | 2,039,922 80 |
| 1845..... | 27,522,112 70 | 2,517 12 | ..... | 2,077,022 30 |
| 1846..... | 26,712,667 87 | 2,397 26 | ..... | 2,694,422 43 |
| 1847..... | 23,747,664 06 | 375 00 | ..... | 2,496,255 20 |
| 1848..... | 31,757,070 96 | 375 00 | ..... | 3,228,646 56 |
| 1849..... | 28,346,738 82 | ..... | ..... | 1,666,929 55 |
| 1850..... | 29,668,686 42 | ..... | ..... | 1,839,894 25 |
| 1851..... | 49,017,567 92 | ..... | ..... | 2,222,205 80 |
| 1852..... | 47,839,826 62 | ..... | ..... | 2,042,200 58 |

RECEIPTS OF THE UNITED STATES FROM MARCH 4, 1789, TO JUNE 30, 1878.

| YEARS. | Premiums. | Interest. | Dividends. | Miscellaneous Receipts. | Total Net Ordinary Receipts, excluding Loans. |
|-------------|-------------|------------|--------------|-------------------------|---|
| 1789-1791.. | | | | \$10,478 10 | \$4,409,951 19 |
| 1792..... | | | \$8,028 00 | 9,918 65 | 3,669,960 31 |
| 1793..... | | | 38,500 00 | 21,410 88 | 4,652,923 14 |
| 1794..... | | | 303,472 00 | 53,377 97 | 5,431,904 87 |
| 1795..... | \$4,800 00 | | 160,000 00 | 23,317 97 | 6,114,534 59 |
| 1796..... | 42,800 00 | | 160,000 00 | 1,169,415 98 | 8,377,529 63 |
| 1797..... | | | 80,960 00 | 399,139 29 | 8,688,780 99 |
| 1798..... | | 78,675 00 | 79,920 00 | 58,192 81 | 7,900,495 80 |
| 1799..... | | | 71,040 00 | 86,187 56 | 7,546,813 31 |
| 1800..... | | | 71,040 00 | 152,712 10 | 10,848,749 10 |
| 1801..... | | 10,125 00 | 88,800 00 | 845,649 15 | 12,935,390 95 |
| 1802..... | | | 39,960 00 | 1,500,505 86 | 14,905,793 95 |
| 1803..... | | | | 131,945 44 | 11,064,097 63 |
| 1804..... | | | | 139,075 53 | 11,826,307 38 |
| 1805..... | | | | 40,892 30 | 13,560,693 20 |
| 1806..... | | | | 51,121 66 | 15,559,931 07 |
| 1807..... | | | | 38,550 42 | 16,398,019 26 |
| 1808..... | | | | 21,822 85 | 17,060,661 93 |
| 1809..... | | | | 62,163 87 | 7,773,473 13 |
| 1810..... | | | | 84,476 84 | 9,384,214 28 |
| 1811..... | | | | 59,211 22 | 14,422,634 00 |
| 1812..... | | | | 126,165 17 | 9,801,132 76 |
| 1813..... | | 800 00 | | 271,571 00 | 14,340,409 95 |
| 1814..... | | 85 79 | | 164,899 61 | 11,181,625 16 |
| 1815..... | \$22,107 64 | 11,541 74 | | 235,263 84 | 15,696,916 82 |
| 1816..... | 686 09 | 68,665 16 | | 273,782 35 | 47,676,985 66 |
| 1817..... | | 267,819 14 | 202,426 30 | 109,761 08 | 33,099,049 74 |
| 1818..... | | 412 62 | 525,000 00 | 57,617 71 | 21,585,171 04 |
| 1819..... | | | 675,000 00 | 57,096 42 | 24,603,374 37 |
| 1820..... | 40,000 00 | | 1,000,000 00 | 61,338 44 | 17,840,669 55 |
| 1821..... | | | 105,000 00 | 152,589 43 | 14,573,379 72 |
| 1822..... | | | 297,500 00 | 452,957 19 | 20,232,427 94 |
| 1823..... | | | 350,000 00 | 141,129 84 | 20,540,666 26 |
| 1824..... | | | 350,000 00 | 127,603 60 | 19,381,212 79 |
| 1825..... | | | 367,500 00 | 130,451 81 | 21,840,858 02 |
| 1826..... | | | 402,500 00 | 94,568 66 | 25,260,434 21 |
| 1827..... | | | 420,000 00 | 1,315,722 83 | 22,966,363 96 |
| 1828..... | | | 455,000 00 | 65,126 40 | 24,763,629 23 |
| 1829..... | | | 490,000 00 | 112,648 55 | 24,827,627 38 |
| 1830..... | | | 490,000 00 | 73,227 77 | 24,844,116 51 |
| 1831..... | | | 490,000 00 | 584,124 05 | 28,526,820 82 |
| 1832..... | | | 490,000 00 | 270,410 61 | 31,867,450 66 |
| 1833..... | | | 474,985 00 | 470,096 67 | 33,948,426 25 |
| 1834..... | | | 234,349 50 | 480,812 22 | 21,791,935 55 |
| 1835..... | | | 506,480 82 | 759,973 13 | 35,430,087 10 |
| 1836..... | | | 292,674 67 | 2,243,902 28 | 50,826,796 08 |
| 1837..... | | | | 7,001,444 59 | 24,954,153 04 |
| 1838..... | | | | 6,410,348 45 | 26,302,561 74 |
| 1839..... | | | | 979,939 86 | 31,482,749 61 |
| 1840..... | | | | 2,567,112 28 | 19,480,115 33 |
| 1841..... | | | | 1,004,054 75 | 16,860,160 27 |
| 1842..... | | | | 451,995 97 | 19,976,197 25 |
| 1843..... | 71,700 83 | | | 285,895 92 | 8,231,001 26 |
| 1844..... | 666 60 | | | 1,075,419 70 | 29,320,707 78 |
| 1845..... | | | | 361,453 68 | 29,970,105 80 |
| 1846..... | | | | 289,950 13 | 29,699,967 74 |
| 1847..... | 28,865 91 | | | 220,806 30 | 26,467,403 16 |
| 1848..... | 37,080 00 | | | 612,610 60 | 35,698,699 21 |
| 1849..... | 487,065 48 | | | 685,379 13 | 30,721,077 50 |
| 1850..... | 10,550 00 | | | 2,064,308 21 | 43,592,888 88 |
| 1851..... | 4,264 92 | | | 1,185,166 11 | 52,555,039 83 |
| 1852..... | | | | 464,349 40 | 49,846,815 60 |

RECEIPTS OF THE UNITED STATES FROM MARCH 4, 1789, TO JUNE
30, 1878—(Continued).

| YEARS. | Customs. | Internal Revenue | Direct Tax. | Public Lands. |
|------------|--------------------|--------------------|-----------------|------------------|
| 1853..... | \$58,981,865 52 | ..... | ..... | \$1,667,084 99 |
| 1854..... | 64,224,190 27 | ..... | ..... | 8,470,798 39 |
| 1855..... | 53,025,794 21 | ..... | ..... | 11,497,049 07 |
| 1856..... | 64,022,863 50 | ..... | ..... | 8,917,644 93 |
| 1857..... | 63,875,905 05 | ..... | ..... | 3,829,486 64 |
| 1858..... | 41,789,620 96 | ..... | ..... | 3,513,715 87 |
| 1859..... | 49,565,824 38 | ..... | ..... | 1,756,687 30 |
| 1860..... | 53,187,511 87 | ..... | ..... | 1,778,557 71 |
| 1861..... | 39,582,125 64 | ..... | ..... | 870,658 54 |
| 1862..... | 49,056,397 62 | ..... | ..... | 152,203 77 |
| 1863..... | 69,059,642 40 | \$27,640,787 95 | 1,485,103 61 | 167,617 17 |
| 1864..... | 102,316,152 99 | 109,741,134 10 | 475,648 96 | 588,333 29 |
| 1865..... | 84,928,260 60 | 209,464,315 25 | 1,200,573 03 | 996,553 31 |
| 1866..... | 179,046,651 58 | 309,226,813 42 | 1,974,754 12 | 665,081 03 |
| 1867..... | 176,417,810 88 | 266,027,537 43 | 4,200,233 70 | 1,163,575 76 |
| 1868..... | 164,464,599 56 | 191,067,569 41 | 1,788,445 85 | 1,348,715 41 |
| 1869..... | 180,048,426 63 | 158,358,460 80 | 765,685 61 | 4,020,344 24 |
| 1870..... | 194,588,374 44 | 184,899,756 49 | 229,102 88 | 3,350,481 76 |
| 1871..... | 206,270,408 05 | 143,098,153 63 | 580,355 37 | 2,388,646 68 |
| 1872..... | 216,370,286 77 | 130,642,177 72 | ..... | 2,575,714 19 |
| 1873..... | 188,089,522 70 | 113,729,314 14 | 315,254 51 | 2,882,312 88 |
| 1874..... | 163,103,633 69 | 102,409,784 90 | ..... | 1,852,428 93 |
| 1875..... | 157,167,722 35 | 110,007,493 58 | ..... | 1,413,640 17 |
| 1876..... | 148,071,964 61 | 116,700,732 03 | 93,796 80 | 1,129,466 85 |
| 1877..... | 130,956,493 07 | 118,630,407 88 | ..... | 976,253 68 |
| 1878..... | 130,170,680 20 | 110,581,624 74 | ..... | 1,079,743 37 |
| Total..... | \$4,115,191,815 10 | \$2,434,521,996 27 | \$27,648,725 73 | \$203,623,031 75 |

EXPENDITURES OF THE UNITED STATES FROM MARCH
4, 1789, TO JUNE 30, 1878.

| YEARS. | Civil and Miscellaneous. | War. | Navy. | Indians. |
|----------------|--------------------------|---------------|--------------|-------------|
| 1789-1791..... | \$1,083,971 61 | \$632,804 03 | ..... | \$27,000 00 |
| 1792..... | 4,672,664 38 | 1,100,702 09 | ..... | 13,648 85 |
| 1793..... | 511,451 01 | 1,136,249 08 | ..... | 27,288 83 |
| 1794..... | 750,350 74 | 2,639,097 59 | \$61,406 97 | 13,042 46 |
| 1795..... | 1,378,920 66 | 2,480,910 13 | 410,562 03 | 23,475 68 |
| 1796..... | 801,847 58 | 1,260,263 84 | 274,784 04 | 113,563 98 |
| 1797..... | 1,259,422 62 | 1,039,402 46 | 382,631 89 | 62,396 58 |
| 1798..... | 1,189,524 94 | 2,009,522 30 | 1,381,347 76 | 16,470 09 |
| 1799..... | 1,089,391 68 | 2,466,946 98 | 2,868,081 84 | 20,302 19 |
| 1800..... | 1,387,613 23 | 2,580,878 77 | 3,448,716 03 | 81 23 |
| 1801..... | 1,114,768 45 | 1,672,944 08 | 2,111,424 00 | 9,000 00 |
| 1802..... | 1,462,929 40 | 1,179,148 25 | 915,561 87 | 94,000 00 |
| 1803..... | 1,842,635 76 | 822,055 65 | 1,215,290 53 | 60,000 00 |
| 1804..... | 2,191,009 43 | 875,423 93 | 1,189,832 75 | 116,500 00 |
| 1805..... | 3,768,598 75 | 712,781 28 | 1,597,500 00 | 196,500 00 |
| 1806..... | 2,390,137 01 | 1,224,355 38 | 1,649,641 44 | 234,300 00 |
| 1807..... | 1,697,897 51 | 1,298,685 91 | 1,722,064 47 | 206,425 00 |
| 1808..... | 1,422,226 61 | 2,900,894 40 | 1,894,067 80 | 213,575 00 |
| 1809..... | 1,215,903 79 | 3,345,772 17 | 2,427,758 80 | 337,508 84 |
| 1810..... | 1,101,144 98 | 2,294,323 94 | 1,654,244 20 | 177,635 00 |
| 1811..... | 1,367,391 40 | 2,092,628 19 | 1,965,566 39 | 151,875 00 |
| 1812..... | 1,683,088 21 | 11,817,798 24 | 3,959,365 15 | 277,845 00 |

EXPENDITURES OF THE UNITED STATES, 1789-1878. 191

RECEIPTS OF THE UNITED STATES FROM MARCH 4, 1789, TO JUNE 30, 1878—(Continued).

| YEARS. | Premiums. | Interest. | Dividends. | Miscellaneous Receipts. | Total Net Ordinary Receipts, excluding Loans. |
|------------|----------------|--------------|----------------|-------------------------|---|
| 1853..... | \$22 50 | | | \$968 031 17 | \$61,587,031 68 |
| 1854..... | | | | 1,105,352 74 | 73,800,341 40 |
| 1855..... | | | | 827,781 40 | 65,350,574 68 |
| 1856..... | | | | 1,116,190 81 | 74,056,699 24 |
| 1857..... | | | | 1,259,920 88 | 68,965,312 57 |
| 1858..... | | | | 1,352,029 13 | 46,635,365 96 |
| 1859..... | 709,357 72 | | | 1,454,596 24 | 52,777,107 93 |
| 1860..... | 10,008 00 | | | 1,088,530 25 | 56,054,599 83 |
| 1861..... | 33,630 90 | | | 1,023,515 31 | 41,476,299 49 |
| 1862..... | 68,400 00 | | | 915,327 97 | 51,919,261 09 |
| 1863..... | 602,345 44 | | | 3,741,794 38 | 112,094,945 51 |
| 1864..... | 21,174,101 01 | | | 30,291,701 86 | 243,412,971 20 |
| 1865..... | 11,688,446 89 | | | 25,441,556 00 | 322,031,158 19 |
| 1866..... | 38,083,055 68 | | | 29,036,314 23 | 519,949,564 38 |
| 1867..... | 27,787,380 35 | | | 15,037,522 15 | 462,846,679 93 |
| 1868..... | 29,203,629 50 | | | 17,745,408 59 | 376,434,453 82 |
| 1869..... | 13,755,491 12 | | | 13,997,398 65 | 357,188,256 09 |
| 1870..... | 15,295,643 76 | | | 12,942,118 30 | 395,959,833 87 |
| 1871..... | 8,892,839 95 | | | 22,093,541 21 | 374,431,104 94 |
| 1872..... | 9,412,637 65 | | | 15,106,051 23 | 354,694,239 91 |
| 1873..... | 11,560,530 89 | | | 17,161,270 05 | 322,177,673 78 |
| 1874..... | 5,037,635 22 | | | 32,575,043 32 | 299,941,090 84 |
| 1875..... | 3,979,279 69 | | | 15,431,915 81 | 284,020,711 41 |
| 1876..... | 4,029,230 58 | | | 24,070,602 81 | 290,066,584 70 |
| 1877..... | 405,776 58 | | | 18,031,655 46 | 269,000,586 62 |
| 1878..... | 317,192 30 | | | 15,614,728 09 | 257,763,878 70 |
| Total..... | 202,754,063 20 | \$485,224 45 | \$9,720,136 29 | 359,458,303 56 | \$7,149,886,388 58 |

NOTE.—The receipts for 1843 are for the half year from January 1st to June 30th, 1843. After this date, the fiscal year was changed so as to run from July 1st to June 30th.

EXPENDITURES OF THE UNITED STATES FROM MARCH 4, 1789, TO JUNE 30, 1878.

| YEARS. | Pensions. | Premiums. | Interest. | Total Net Ordinary Expenditures, excluding Interest. |
|----------------|--------------|-----------|----------------|--|
| 1789-1791..... | \$175,813 88 | | \$1,177,863 03 | \$1,919,569 52 |
| 1792..... | 109,243 15 | | 2,373,611 28 | 5,896,258 47 |
| 1793..... | 80,067 81 | | 2,097,859 17 | 1,749,070 73 |
| 1794..... | 81,399 24 | | 2,752,523 04 | 3,545,299 00 |
| 1795..... | 68,673 22 | | 2,947,069 06 | 4,362,541 72 |
| 1796..... | 100,843 71 | | 3,239,347 68 | 2,551,303 15 |
| 1797..... | 92,256 97 | | 3,172,516 73 | 2,896,110 53 |
| 1798..... | 104,845 33 | | 2,955,875 90 | 4,651,710 43 |
| 1799..... | 95,444 03 | | 2,815,651 41 | 6,480,166 72 |
| 1800..... | 64,130 73 | | 3,408,601 04 | 7,411,369 97 |
| 1801..... | 73,583 87 | | 4,411,880 06 | 4,981,669 90 |
| 1802..... | 85,440 39 | | 4,239,172 16 | 3,737,079 91 |
| 1803..... | 62,302 10 | | 3,949,462 36 | 4,002,824 24 |
| 1804..... | 80,092 80 | | 4,185,048 74 | 4,452,858 91 |
| 1805..... | 81,854 59 | | 2,637,114 22 | 6,357,234 62 |
| 1806..... | 81,875 53 | | 3,368,968 26 | 6,080,209 36 |
| 1807..... | 70,500 00 | | 3,369,578 48 | 4,964,572 69 |
| 1808..... | 82,576 04 | | 2,557,074 23 | 6,504,338 85 |
| 1809..... | 87,883 54 | | 2,866,074 90 | 7,414,672 14 |
| 1810..... | 83,744 16 | | 3,163,671 09 | 5,311,082 28 |
| 1811..... | 75,043 88 | | 2,585,435 57 | 5,592,604 86 |
| 1812..... | 91,402 10 | | 2,451,272 57 | 17,829,498 70 |

EXPENDITURES OF THE UNITED STATES FROM MARCH 4, 1789, TO
JUNE 30, 1878—(Continued).

| YEARS. | Civil and Miscellaneous. | War. | Navy. | Indians. |
|------------|-----------------------------|--------------------|------------------|------------------|
| 1813..... | \$1,729,435 61 | \$19,652,013 02 | \$6,446,600 10 | \$167,358 28 |
| 1814..... | 2,208,029 70 | 20,350,806 86 | 7,311,590 60 | 167,894 86 |
| 1815..... | 2,898,870 47 | 14,794,294 22 | 8,660,000 25 | 530,750 00 |
| 1816..... | 2,969,741 17 | 16,012,096 80 | 3,908,278 30 | 274,512 16 |
| 1817..... | 3,518,986 76 | 8,004,236 53 | 3,314,598 49 | 319,463 71 |
| 1818..... | 3,835,889 51 | 5,622,715 10 | 2,958,695 00 | 505,704 27 |
| 1819..... | 3,067,311 41 | 6,506,300 37 | 3,347,640 42 | 463,181 39 |
| 1820..... | 2,592,021 94 | 2,630,392 31 | 4,387,990 00 | 315,750 01 |
| 1821..... | 2,223,121 54 | 4,461,291 78 | 3,319,243 06 | 477,005 44 |
| 1822..... | 1,967,996 24 | 3,111,981 48 | 2,224,458 98 | 575,007 41 |
| 1823..... | 2,023,093 99 | 3,096,924 43 | 2,508,765 83 | 330,781 82 |
| 1824..... | 7,155,308 81 | 3,340,939 85 | 2,904,581 56 | 429,967 90 |
| 1825..... | 2,745,544 89 | 3,659,914 18 | 3,049,053 86 | 734,106 44 |
| 1826..... | 2,600,177 79 | 3,943,194 37 | 4,218,902 45 | 743,447 88 |
| 1827..... | 2,713,476 58 | 3,948,977 88 | 4,263,877 45 | 750,634 88 |
| 1828..... | 3,676,052 64 | 4,145,544 56 | 3,918,786 44 | 705,064 24 |
| 1829..... | 3,082,234 65 | 4,724,291 07 | 3,308,745 47 | 576,344 74 |
| 1830..... | 3,237,416 04 | 4,767,128 88 | 3,239,428 63 | 622,262 47 |
| 1831..... | 3,064,646 10 | 4,841,835 55 | 3,856,183 07 | 980,739 04 |
| 1832..... | 4,577,141 45 | 5,446,084 88 | 3,956,370 29 | 1,352,419 75 |
| 1833..... | 5,716,245 93 | 6,704,019 10 | 3,901,556 75 | 1,802,990 96 |
| 1834..... | 4,404,728 95 | 5,696,189 38 | 3,960,260 42 | 1,003,953 20 |
| 1835..... | 4,229,698 53 | 5,759,156 89 | 3,864,939 06 | 1,706,444 48 |
| 1836..... | 5,393,279 72 | 11,747,345 25 | 5,807,718 23 | 5,037,023 88 |
| 1837..... | 9,963,370 27 | 13,662,730 80 | 6,646,914 53 | 4,348,086 19 |
| 1838..... | 7,160,644 78 | 12,897,224 16 | 6,181,580 53 | 5,504,191 34 |
| 1839..... | 5,725,990 89 | 8,916,995 80 | 6,182,394 25 | 2,538,917 26 |
| 1840..... | 5,995,898 96 | 7,095,367 23 | 6,113,896 89 | 2,531,794 86 |
| 1841..... | 6,480,881 45 | 8,801,610 24 | 6,001,076 97 | 2,514,837 12 |
| 1842..... | 6,775,624 61 | 6,610,436 02 | 8,397,242 95 | 1,199,069 66 |
| 1843..... | 3,202,713 00 | 2,908,671 95 | 3,727,711 53 | 578,371 00 |
| 1844..... | 5,645,183 86 | 5,218,183 66 | 6,498,199 11 | 1,256,532 39 |
| 1845..... | 5,911,760 98 | 5,746,391 28 | 6,297,177 89 | 1,589,351 35 |
| 1846..... | 6,711,283 89 | 10,413,370 58 | 6,455,018 92 | 1,037,693 64 |
| 1847..... | 6,885,608 35 | 35,840,030 33 | 7,900,635 76 | 1,430,411 30 |
| 1848..... | 5,650,851 25 | 27,688,334 21 | 9,408,476 02 | 1,362,226 81 |
| 1849..... | 12,885,334 24 | 14,558,473 26 | 9,786,705 92 | 1,874,161 55 |
| 1850..... | 16,043,703 36 | 9,667,024 58 | 7,904,724 66 | 1,063,591 47 |
| 1851..... | 17,888,992 18 | 12,161,965 11 | 8,890,581 38 | 2,689,801 77 |
| 1852..... | 17,504,171 45 | 8,521,506 19 | 8,918,842 10 | 3,043,576 04 |
| 1853..... | 17,463,063 01 | 9,910,498 49 | 11,067,789 53 | 3,580,494 12 |
| 1854..... | 26,672,144 68 | 11,722,293 87 | 10,790,066 32 | 1,550,339 55 |
| 1855..... | 24,090,425 43 | 14,648,074 07 | 13,327,095 11 | 2,772,900 78 |
| 1856..... | 31,794,038 87 | 16,963,160 51 | 14,074,834 04 | 2,644,263 97 |
| 1857..... | 28,565,498 77 | 19,159,150 87 | 19,651,694 61 | 4,354,418 87 |
| 1858..... | 26,400,016 42 | 25,679,121 63 | 14,053,264 64 | 4,978,306 18 |
| 1859..... | 23,797,544 40 | 23,154,720 53 | 14,690,327 90 | 3,490,534 58 |
| 1860..... | 27,977,978 30 | 16,472,208 72 | 11,514,649 83 | 2,991,121 54 |
| 1861..... | 23,327,287 69 | 23,001,530 67 | 12,887,156 52 | 2,965,481 77 |
| 1862..... | 21,365,862 59 | 399,173,503 29 | 42,640,853 09 | 2,237,943 37 |
| 1863..... | 23,198,382 87 | 608,314,411 82 | 63,361,285 31 | 3,152,083 70 |
| 1864..... | 27,572,216 87 | 690,391,048 66 | 85,704,963 74 | 2,639,975 97 |
| 1865..... | 49,930,383 10 | 1,030,690,400 06 | 122,617,424 07 | 5,059,360 71 |
| 1866..... | 40,613,114 17 | 283,154,676 06 | 43,365,662 00 | 3,393,739 22 |
| 1867..... | 51,110,223 72 | 95,224,415 63 | 31,084,011 04 | 4,642,531 77 |
| 1868..... | 58,009,867 67 | 128,246,648 62 | 25,775,502 72 | 4,100,663 26 |
| 1869..... | 56,474,061 53 | 73,501,990 61 | 20,000,757 97 | 7,042,922 06 |
| 1870..... | 53,287,461 56 | 57,655,675 40 | 21,780,229 87 | 3,407,928 15 |
| 1871..... | 60,481,916 23 | 35,799,991 82 | 19,431,027 21 | 7,498,997 44 |
| 1872..... | 60,994,737 48 | 35,372,157 20 | 21,949,809 99 | 7,061,728 88 |
| 1873..... | 73,322,110 06 | 46,323,138 31 | 23,528,256 79 | 7,951,704 86 |
| 1874..... | *35,141,593 61 | 42,313,927 22 | 30,932,587 42 | 6,022,422 69 |
| 1875..... | 71,070,702 98 | 41,120,645 98 | 21,497,626 27 | 8,384,656 82 |
| 1876..... | 73,596,061 04 | 38,070,898 64 | 18,963,309 82 | 5,983,523 17 |
| 1877..... | 56,252,066 60 | 37,062,735 90 | 14,959,935 36 | 5,277,007 28 |
| 1878..... | 53,177,703 57 | 32,154,147 85 | 17,365,301 37 | 4,629,360 26 |
| Total..... | \$1,392,191,449 84 | \$4,235,126,455 58 | \$984,146,164 39 | \$176,006,939 05 |

* In this amount is included \$15,500,000 invested under Geneva award.

EXPENDITURES OF THE UNITED STATES, 1789-1878. 193

EXPENDITURES OF THE UNITED STATES FROM MARCH 4, 1789, TO
JUNE 30, 1878—(Continued).

| YEARS. | Pensions. | Premiums. | Interest. | Total Net Ordinary Expenditures, excluding Interest. |
|------------|------------------|-----------------|--------------------|--|
| 1813..... | \$26,939 91 | | \$3,599,455 22 | \$28,082,396 92 |
| 1814..... | 90,104 36 | | 4,593,239 04 | 30,127,686 38 |
| 1815..... | 69,656 06 | | 5,990,080 94 | 26,953,571 00 |
| 1816..... | 188,804 15 | | 7,822,923 34 | 23,373,432 58 |
| 1817..... | 297,374 43 | | 4,536,283 55 | 15,454,609 92 |
| 1818..... | 890,719 90 | | 6,209,954 03 | 13,808,673 78 |
| 1819..... | 2,415,939 85 | | 5,211,780 56 | 16,800,273 44 |
| 1820..... | 2,308,376 81 | | 5,151,004 32 | 13,134,580 57 |
| 1821..... | 242,817 25 | | 5,126,073 79 | 10,723,479 07 |
| 1822..... | 1,948,199 40 | | 5,173,788 79 | 9,827,643 51 |
| 1823..... | 1,790,588 52 | | 4,922,475 40 | 9,794,154 59 |
| 1824..... | 1,499,326 59 | | 4,943,557 93 | 15,330,144 71 |
| 1825..... | 1,308,810 57 | | 4,386,757 40 | 11,490,459 94 |
| 1826..... | 1,556,593 83 | | 3,975,542 95 | 13,062,316 27 |
| 1827..... | 976,138 86 | | 3,486,071 51 | 12,653,085 65 |
| 1828..... | 850,578 57 | | 3,098,800 60 | 13,296,041 45 |
| 1829..... | 949,594 47 | | 2,542,843 23 | 12,641,210 40 |
| 1830..... | 1,363,297 31 | | 1,912,574 93 | 18,229,533 33 |
| 1831..... | 1,170,665 14 | | 1,373,748 74 | 13,864,067 90 |
| 1832..... | 1,184,422 40 | | 772,561 50 | 16,516,388 77 |
| 1833..... | 4,589,152 40 | | 303,796 87 | 22,713,755 11 |
| 1834..... | 3,364,285 30 | | 202,152 98 | 18,425,417 25 |
| 1835..... | 1,954,711 32 | | 57,863 08 | 17,514,950 23 |
| 1836..... | 2,882,797 96 | | | 30,868,164 04 |
| 1837..... | 2,672,163 45 | | | 37,243,214 24 |
| 1838..... | 2,156,057 29 | | 14,996 48 | 33,849,718 08 |
| 1839..... | 3,142,750 51 | | 399,833 89 | 26,496,948 73 |
| 1840..... | 2,603,562 17 | | 174,568 08 | 24,139,920 11 |
| 1841..... | 2,388,434 51 | | 284,977 55 | 26,196,840 29 |
| 1842..... | 1,378,331 33 | | 773,549 85 | 24,361,336 59 |
| 1843..... | 839,041 12 | | 523,563 91 | 11,256,508 60 |
| 1844..... | 2,032,008 99 | | 1,833,452 13 | 20,650,108 01 |
| 1845..... | 2,400,788 11 | \$18,231 43 | 1,040,458 18 | 21,895,369 61 |
| 1846..... | 1,811,097 56 | | 842,723 27 | 26,418,459 59 |
| 1847..... | 1,744,853 63 | | 1,119,214 72 | 53,801,569 37 |
| 1848..... | 1,327,496 48 | | 2,390,765 88 | 45,227,454 77 |
| 1849..... | 1,323,867 64 | 82,865 81 | 3,565,535 78 | 39,933,542 61 |
| 1850..... | 1,866,886 02 | | 3,732,393 03 | 37,165,900 09 |
| 1851..... | 2,393,377 22 | 69,713 19 | 3,696,760 75 | 44,054,717 66 |
| 1852..... | 2,401,858 78 | 170,063 42 | 4,000,297 80 | 40,389,954 56 |
| 1853..... | 1,756,306 20 | 430,498 64 | 3,665,832 74 | 44,078,156 35 |
| 1854..... | 1,222,665 00 | 2,877,818 69 | 3,070,926 69 | 51,967,528 42 |
| 1855..... | 1,477,613 33 | 872,047 39 | 2,314,464 99 | 56,316,197 72 |
| 1856..... | 1,966,329 65 | 385,373 90 | 1,953,823 37 | 66,772,527 64 |
| 1857..... | 1,810,380 58 | 368,573 39 | 1,593,265 23 | 66,041,143 70 |
| 1858..... | 1,819,768 30 | 574,443 08 | 1,652,055 67 | 72,390,487 17 |
| 1859..... | 1,322,223 71 | | 2,637,649 70 | 66,355,950 07 |
| 1860..... | 1,100,803 39 | | 3,144,120 94 | 60,056,754 71 |
| 1861..... | 1,084,599 73 | | 4,094,157 30 | 62,616,055 78 |
| 1862..... | 832,170 47 | | 13,190,344 84 | 456,379,896 81 |
| 1863..... | 1,073,513 36 | | 24,729,700 62 | 694,004,575 56 |
| 1864..... | 4,965,473 90 | | 58,685,421 69 | 811,288,679 14 |
| 1865..... | 16,247,631 34 | 1,717,900 11 | 77,365,090 30 | 1,217,704,199 28 |
| 1866..... | 15,665,549 88 | 58,476 51 | 133,067,724 91 | 385,954,731 43 |
| 1867..... | 20,966,551 71 | 10,813,349 88 | 143,781,591 91 | 202,947,733 87 |
| 1868..... | 23,792,386 78 | 7,001,151 04 | 140,424,045 71 | 229,915,068 11 |
| 1869..... | 23,476,821 78 | 1,674,690 05 | 130,694,242 80 | 190,496,354 95 |
| 1870..... | 26,340,302 17 | 15,996,555 60 | 129,235,496 00 | 164,421,507 15 |
| 1871..... | 34,443,894 88 | 9,016,794 74 | 125,576,565 93 | 157,583,827 58 |
| 1872..... | 23,533,402 76 | 6,958,266 76 | 117,357,839 72 | 153,301,856 19 |
| 1873..... | 29,359,436 86 | 5,105,919 99 | 104,750,688 44 | 180,488,636 90 |
| 1874..... | 29,083,414 66 | 1,395,073 55 | 107,119,815 21 | 194,118,965 00 |
| 1875..... | 29,450,216 22 | | 108,098,544 87 | 171,529,848 27 |
| 1876..... | 23,267,806 69 | | 100,243,271 23 | 164,867,818 86 |
| 1877..... | 27,963,753 27 | | 97,124,511 58 | 141,536,497 35 |
| 1878..... | 27,137,019 03 | | 102,500,874 65 | 131,463,452 15 |
| Total..... | \$453,842,878 74 | \$65,572,794 07 | \$1,904,544,897 50 | \$7,243,813,717 53 |

SUMMARY OF INTERNAL REVENUE RECEIPTS, FROM ALL SOURCES, FOR SIXTEEN YEARS, 1863-1878.

[From the Annual Reports of the Commissioner of Internal Revenue.]

| | Spirits. | Tobacco. | Fermented liquors. | Banks and Bankers. | Penalties, etc. | Adhesive stamps. | Articles and occupations formerly taxed, but now exempt. |
|-------------------|-------------|-------------|--------------------|--------------------|-----------------|------------------|--|
| | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| 1863.... | 5,176,530 | 3,097,620 | 1,028,934 | ..... | 27,170 | 4,140,175 | 26,932,763 |
| 1864.... | 30,329,150 | 8,592,099 | 2,290,039 | 2,837,720 | 193,600 | 5,894,945 | 67,008,225 |
| 1865.... | 18,731,422 | 11,401,373 | 3,734,928 | 4,940,871 | 520,363 | 11,162,392 | 160,638,180 |
| 1866.... | 33,268,172 | 16,531,008 | 5,220,553 | 3,463,988 | 1,142,853 | 15,044,373 | 236,226,037 |
| 1867.... | 33,542,952 | 19,765,148 | 6,057,501 | 2,046,562 | 1,459,171 | 16,094,718 | 186,954,423 |
| 1868.... | 18,655,531 | 18,730,095 | 5,955,869 | 1,866,746 | 1,256,882 | 14,852,252 | 129,863,090 |
| 1869.... | 45,071,231 | 23,430,708 | 6,099,880 | 2,196,054 | 877,089 | 16,420,710 | 65,943,673 |
| 1870.... | 55,606,094 | 31,350,708 | 6,319,127 | 3,020,084 | 827,905 | 16,544,043 | 71,567,908 |
| 1871.... | 46,281,848 | 33,578,907 | 7,389,502 | 3,644,242 | 636,980 | 15,342,739 | 87,126,958 |
| 1872.... | 43,475,516 | 33,736,171 | 8,258,498 | 4,628,229 | 442,205 | 16,177,321 | 19,053,007 |
| 1873.... | 52,099,372 | 34,336,303 | 9,324,938 | 3,771,031 | 461,653 | 7,702,377 | 6,329,782 |
| 1874.... | 49,444,090 | 33,242,876 | 9,304,680 | 3,357,161 | 364,216 | 6,136,845 | 764,880 |
| 1875.... | 52,081,991 | 37,303,462 | 9,144,004 | 4,097,248 | 281,108 | 6,557,230 | 1,080,111 |
| 1876.... | 56,426,365 | 39,795,340 | 9,571,281 | 4,006,698 | 409,284 | 6,518,483 | 509,631 |
| 1877.... | 57,469,430 | 41,106,547 | 9,480,789 | 3,829,729 | 419,999 | 6,450,429 | 238,261 |
| 1878.... | 50,420,816 | 40,091,755 | 9,937,052 | 3,492,032 | 346,008 | 6,380,405 | 429,659 |
| Total in 16 years | 654,080,510 | 426,140,120 | 109,717,545 | 51,228,395 | 9,666,483 | 171,419,442 | 1,010,686,588 |

The total cost of collecting internal revenue in the United States for the fiscal year ended June 30, 1878, was as follows:

| | |
|--|------------------|
| For salaries and expenses of collectors, including pay of deputy collectors, clerks, etc..... | \$1,791,608 63 |
| For salaries and expenses of revenue agents, surveyors of distilleries, gaugers, and storekeepers..... | 1,429,572 32 |
| For dies, paper, and stamps..... | 430,878 65 |
| For salaries of officers, clerks, and employees in the office of the Commissioner of Internal Revenue..... | 253,407 90 |
| For counsel fees, expenses, and rewards..... | 47,089 12 |
| For miscellaneous expenses..... | 185,580 65 |
| Total cost..... | \$4,088,067 26 |
| Total collections (not including commissions on sale of stamps)..... | \$110,654,133 37 |
| Cost per cent..... | 3 7/8 |

REFUNDING THE DEBT.

THE great rapidity with which the public debt of the United States is being refunded at 4 per cent interest is the most remarkable financial fact of the day. The advantage to the country of placing the debt at 4 per cent instead of 6 per cent involves far more than the saving of interest to the taxpayers, which alone amounts to 33 per cent, or about thirty million dollars per annum, provided the whole public debt should be successfully converted. The saving in interest reduces correspondingly the annual expenditure of the Government, leaving that amount of money in the hands of the people for investment and use. But the other great advantage of refunding is that nearly the whole debt will be changed from securities held abroad to a loan held and owned by the people of the United States. The calling in of the 6 per cent bonds, the high rate of interest on which, and the security, caused them to be sought for in Europe, saves the annual drain of specie to pay the interest. This has already reversed the balance of exchanges in the precious metals, the United States becoming an importer of gold and silver, instead of an exporter. The interest on the debt stays at home, fructifying all the channels of our national commerce and industry. The Treasury Department, instead of sending its officers to London with safes full of United States bonds to be sold abroad, has its hands full in supplying the wants of our own citizens for 4 per cent bonds. Now that the rate of interest is so reduced, foreign investors prefer European securities, British 3 per cent consols, which can always be bought below par, or French *rentes*, which draw 5 per cent interest, while none of our bonds are sold under par. It is now in order for France to refund her national debt, more than six milliards (over \$1,200,000,000) of which was placed in 1871-2 at 8 1/2% and 8 1/4%, thus actually costing the French Government in interest a fraction over 6 per cent, instead of 5 per cent, which it nominally draws.

AGGREGATE RECEIPTS FROM INTERNAL REVENUE (BY STATES) FOR SIXTEEN YEARS, 1863-1878.

[From the Annual Reports of the Commissioner of Internal Revenue.]

FISCAL YEARS ENDED JUNE 30.

| STATES AND TERRITORIES. | 1863. | 1864. | 1865. | 1866. | 1867. |
|---|-------------------|--------------------|--------------------|--------------------|--------------------|
| | \$ | \$ | \$ | \$ | \$ |
| 1 Alabama..... | | | | 4,132,311 | 4,110,190 |
| 2 Arizona..... | | | | | 2,665 |
| 3 Arkansas..... | | | | 256,147 | 1,752,187 |
| 4 California..... | 631,882 | 1,076,368 | 3,944,053 | 4,928,899 | 6,757,133 |
| 5 Colorado..... | 21,079 | 41,160 | 132,392 | 150,614 | 151,637 |
| 6 Connecticut..... | 1,552,615 | 3,272,516 | 6,576,064 | 9,636,698 | 7,582,971 |
| 7 Dakota..... | | | | | 1,909 |
| 8 Delaware..... | 167,468 | 391,025 | 819,902 | 1,013,723 | 785,967 |
| 9 Dist. of Columbia.... | 45,340 | 365,984 | 748,632 | 766,826 | 704,202 |
| 10 Florida..... | | | | 98,215 | 557,989 |
| 11 Georgia..... | | | | 4,908,577 | 4,487,441 |
| 12 Idaho..... | | | | 79,519 | 81,237 |
| 13 Illinois..... | 2,012,562 | 9,897,971 | 9,523,723 | 15,397,464 | 12,112,986 |
| 14 Indiana..... | 924,904 | 3,398,210 | 4,821,243 | 5,417,336 | 4,122,863 |
| 15 Iowa..... | 285,963 | 632,337 | 1,746,753 | 2,715,331 | 2,074,052 |
| 16 Kansas..... | 38,906 | 65,440 | 215,319 | 359,364 | 367,543 |
| 17 Kentucky..... | 1,882,772 | 3,946,093 | 4,857,184 | 5,922,122 | 5,415,134 |
| 18 Louisiana..... | 154,341 | 2,274,543 | 1,714,502 | 6,197,813 | 6,226,788 |
| 19 Maine..... | 514,636 | 1,294,094 | 2,618,823 | 2,822,863 | 2,326,380 |
| 20 Maryland..... | 961,406 | 3,010,823 | 5,422,764 | 7,758,672 | 6,162,178 |
| 21 Massachusetts..... | 4,890,501 | 12,173,222 | 25,250,362 | 34,969,306 | 28,088,078 |
| 22 Michigan..... | 344,419 | 1,201,087 | 2,602,438 | 3,480,832 | 3,112,070 |
| 23 Minnesota..... | 59,561 | 87,701 | 256,725 | 381,911 | 452,104 |
| 24 Mississippi..... | | | | 781,261 | 4,583,183 |
| 25 Missouri..... | 1,184,326 | 3,307,451 | 5,480,304 | 7,439,908 | 6,494,096 |
| 26 Montana..... | | | 36,023 | 113,280 | 77,431 |
| 27 Nebraska..... | 12,398 | 26,796 | 57,419 | 100,875 | 107,975 |
| 28 Nevada..... | 22,905 | 79,784 | 238,042 | 283,408 | 290,174 |
| 29 New Hampshire..... | 483,692 | 1,074,267 | 2,544,732 | 3,480,849 | 2,882,147 |
| 30 New Jersey..... | 1,227,444 | 3,116,358 | 7,569,310 | 10,191,967 | 7,890,263 |
| 31 New Mexico..... | 9,318 | 10,941 | 49,043 | 71,358 | 64,365 |
| 32 New York..... | 9,241,069 | 27,215,721 | 53,708,375 | 71,922,529 | 58,825,159 |
| 33 North Carolina..... | | | | 414,407 | 1,648,753 |
| 34 Ohio..... | 3,217,481 | 12,224,450 | 16,022,925 | 25,732,507 | 19,902,523 |
| 35 Oregon..... | 61,304 | 104,028 | 159,209 | 279,445 | 351,450 |
| 36 Pennsylvania..... | 5,226,486 | 14,029,529 | 30,289,241 | 39,941,599 | 27,580,633 |
| 37 Rhode Island..... | 826,950 | 1,984,969 | 4,312,781 | 6,121,983 | 5,049,974 |
| 38 South Carolina..... | | | | 966,486 | 1,816,894 |
| 39 Tennessee..... | | 602,706 | 1,605,263 | 3,381,841 | 3,349,460 |
| 40 Texas..... | | | | 1,573,220 | 3,211,864 |
| 41 Utah..... | 6,141 | 13,748 | 41,728 | 62,008 | 64,296 |
| 42 Vermont..... | 202,386 | 463,052 | 897,587 | 1,202,404 | 986,279 |
| 43 Virginia..... | 758 | 137,514 | 221,273 | 1,175,447 | 1,966,722 |
| 44 Washington..... | 8,263 | 22,395 | 76,741 | 48,481 | 78,912 |
| 45 West Virginia..... | 90,358 | 351,957 | 635,759 | 1,020,585 | 944,524 |
| 46 Wisconsin..... | 409,307 | 1,032,511 | 1,845,755 | 2,741,765 | 2,513,025 |
| 47 Wyoming..... | | | | | |
| Aggregate receipts each year..... | 36,158,782 | 109,526,663 | 197,112,392 | 289,931,377 | 248,124,750 |
| Adhesive stamps..... | 4,140,175 | 5,894,945 | 11,162,892 | 15,044,793 | 16,094,718 |
| Salaries..... | 696,182 | 1,705,125 | 2,326,353 | 3,717,335 | 1,020,092 |
| Passports, through Department of State..... | 8,043 | 10,515 | 25,675 | 29,759 | 27,101 |
| Fines, penalties, collections, etc..... | | 8,376 | 2,735 | 2,184,342 | 643,903 |
| Aggregate receipts from all sources..... | 41,003,272 | 117,145,624 | 211,129,930 | 310,906,666 | 265,920,263 |

AGGREGATE RECEIPTS FROM INTERNAL REVENUE (BY STATES) FOR SIXTEEN YEARS, 1863-1878.

[From the Annual Reports of the Commissioner of Internal Revenue.]

FISCAL YEARS ENDED JUNE 30.

| STATES AND TERRITORIES. | 1868. | 1869. | 1870. | 1871. | 1872. |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| 1 Alabama..... | \$ 4,279,606 | \$ 472,316 | \$ 595,700 | \$ 363,758 | \$ 238,160 |
| 2 Arizona..... | 13,901 | 11,315 | 15,615 | 16,889 | 15,579 |
| 3 Arkansas..... | 844,390 | 144,985 | 369,284 | 130,524 | 94,201 |
| 4 California..... | 6,552,526 | 4,529,547 | 4,602,439 | 3,606,922 | 3,053,517 |
| 5 Colorado..... | 119,222 | 60,999 | 73,910 | 69,994 | 63,272 |
| 6 Connecticut..... | 4,400,398 | 2,340,506 | 2,564,477 | 1,426,871 | 1,204,615 |
| 7 Dakota..... | 10,210 | 10,900 | 8,716 | 7,130 | 5,986 |
| 8 Delaware..... | 588,254 | 425,106 | 451,986 | 444,018 | 400,101 |
| 9 Dist. of Columbia..... | 485,366 | 446,045 | 514,482 | 267,809 | 217,000 |
| 10 Florida..... | 402,746 | 71,699 | 106,318 | 121,031 | 99,456 |
| 11 Georgia..... | 6,146,965 | 1,010,282 | 1,144,241 | 736,944 | 583,160 |
| 12 Idaho..... | 95,414 | 78,106 | 65,424 | 53,011 | 23,974 |
| 13 Illinois..... | 7,564,887 | 13,063,257 | 18,364,367 | 15,119,609 | 15,799,667 |
| 14 Indiana..... | 2,342,327 | 3,869,759 | 5,045,024 | 4,798,469 | 5,441,893 |
| 15 Iowa..... | 1,182,230 | 1,558,265 | 1,377,981 | 1,081,841 | 1,067,797 |
| 16 Kansas..... | 253,938 | 244,764 | 243,231 | 236,766 | 161,372 |
| 17 Kentucky..... | 4,139,414 | 7,547,270 | 9,887,624 | 6,514,141 | 5,847,468 |
| 18 Louisiana..... | 3,826,416 | 1,902,116 | 2,981,524 | 1,912,755 | 1,627,782 |
| 19 Maine..... | 1,594,080 | 669,906 | 807,224 | 412,096 | 302,123 |
| 20 Maryland..... | 4,281,053 | 4,547,593 | 5,438,473 | 3,703,855 | 3,791,270 |
| 21 Massachusetts..... | 17,751,223 | 9,272,435 | 10,684,090 | 6,801,075 | 6,329,061 |
| 22 Michigan..... | 2,757,816 | 2,642,514 | 2,918,987 | 2,639,670 | 2,399,972 |
| 23 Minnesota..... | 368,391 | 363,338 | 467,879 | 252,583 | 248,979 |
| 24 Mississippi..... | 3,751,872 | 194,129 | 284,792 | 238,257 | 133,675 |
| 25 Missouri..... | 4,913,361 | 5,295,805 | 6,004,278 | 5,095,076 | 4,618,219 |
| 26 Montana..... | 108,284 | 64,336 | 103,556 | 82,105 | 28,955 |
| 27 Nebraska..... | 127,735 | 161,388 | 308,502 | 224,369 | 195,690 |
| 28 Nevada..... | 308,970 | 229,577 | 188,027 | 103,634 | 77,359 |
| 29 New Hampshire..... | 1,941,493 | 651,348 | 632,407 | 396,927 | 304,236 |
| 30 New Jersey..... | 5,695,200 | 3,792,362 | 4,075,360 | 2,458,600 | 2,491,434 |
| 31 New Mexico..... | 57,435 | 43,615 | 46,927 | 24,811 | 22,756 |
| 32 New York..... | 39,395,788 | 35,716,423 | 36,361,550 | 28,870,402 | 23,483,729 |
| 33 North Carolina..... | 1,977,286 | 750,537 | 1,398,720 | 1,362,268 | 1,108,525 |
| 34 Ohio..... | 12,224,617 | 16,116,548 | 19,568,744 | 15,149,489 | 14,905,229 |
| 35 Oregon..... | 350,328 | 171,898 | 329,212 | 156,548 | 125,542 |
| 36 Pennsylvania..... | 18,269,446 | 15,470,400 | 16,748,704 | 12,535,522 | 9,227,091 |
| 37 Rhode Island..... | 2,852,575 | 1,286,395 | 1,282,377 | 672,493 | 636,927 |
| 38 South Carolina..... | 2,634,801 | 353,860 | 412,040 | 258,720 | 199,181 |
| 39 Tennessee..... | 3,717,010 | 1,255,781 | 1,470,860 | 874,222 | 766,840 |
| 40 Texas..... | 1,802,023 | 483,218 | 390,954 | 350,680 | 322,359 |
| 41 Utah..... | 48,685 | 67,971 | 46,296 | 39,996 | 39,481 |
| 42 Vermont..... | 622,274 | 318,673 | 352,317 | 279,333 | 158,847 |
| 43 Virginia..... | 1,783,320 | 2,744,144 | 5,496,351 | 5,319,273 | 4,939,028 |
| 44 Washington..... | 70,101 | 49,367 | 83,273 | 36,753 | 23,890 |
| 45 West Virginia..... | 792,160 | 563,043 | 756,967 | 627,321 | 465,605 |
| 46 Wisconsin..... | 1,811,415 | 1,959,041 | 2,363,015 | 1,977,704 | 2,000,227 |
| 47 Wyoming..... | ..... | 5,106 | 25,880 | 10,845 | 6,727 |
| Aggregate receipts each year..... | 175,357,261 | 143,027,877 | 167,560,195 | 127,873,141 | 115,291,159 |
| Adhesive stamps..... | 14,852,252 | 16,420,710 | 16,544,043 | 15,342,739 | 16,177,321 |
| Salaries..... | 1,043,561 | 561,963 | 1,109,526 | 787,263 | 294,565 |
| Passports, through Department of State... | 27,500 | 28,683 | 22,191 | 8,065 | ..... |
| Aggregate receipts from all sources.. | 191,180,825 | 160,030,233 | 185,235,962 | 144,011,287 | 131,773,105 |

AGGREGATE RECEIPTS FROM INTERNAL REVENUE (BY STATES) FOR SIXTEEN YEARS, 1863-1878.

[From the Annual Reports of Commissioner of Internal Revenue.]

FISCAL YEARS ENDED JUNE 30.

| STATES AND TERRITORIES | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | \$ | \$ | \$ | \$ | \$ | \$ |
| 1 Alabama... | 152,493 | 135,798 | 115,689 | 109,841 | 108,010 | 137,970 |
| 2 Arizona.... | 13,563 | 10,043 | 10,363 | 11,976 | 15,530 | 20,371 |
| 3 Arkansas.... | 88,861 | 68,877 | 75,877 | 66,201 | 85,850 | 115,786 |
| 4 California... | 2,367,911 | 2,481,841 | 2,968,033 | 3,005,040 | 2,749,594 | 2,146,790 |
| 5 Colorado.... | 75,740 | 64,855 | 70,532 | 72,669 | 75,775 | 83,508 |
| 6 Connecticut | 873,985 | 580,379 | 627,718 | 668,115 | 661,420 | 580,886 |
| 7 Dakota..... | 7,597 | 11,944 | 10,040 | 12,156 | 22,396 | 29,954 |
| 8 Delaware.... | 429,393 | 397,654 | 360,331 | 417,593 | 470,175 | 480,987 |
| 9 Dist. of Col. | 133,425 | 115,574 | 112,227 | 114,599 | 26,018 | * |
| 10 Florida.... | 158,142 | 133,675 | 184,778 | 174,258 | 165,891 | 183,823 |
| 11 Georgia.... | 477,960 | 384,632 | 393,237 | 362,736 | 278,729 | 333,520 |
| 12 Idaho..... | 19,276 | 18,821 | 19,136 | 16,994 | 16,592 | 19,778 |
| 13 Illinois.... | 16,493,169 | 15,419,721 | 17,634,627 | 21,730,694 | 21,870,203 | 19,668,791 |
| 14 Indiana.... | 5,678,053 | 4,823,496 | 4,653,739 | 5,579,126 | 6,087,240 | 5,710,833 |
| 15 Iowa..... | 1,012,997 | 933,261 | 1,040,218 | 1,212,618 | 1,810,400 | 965,851 |
| 16 Kansas.... | 161,470 | 149,758 | 133,666 | 150,604 | 139,763 | 153,358 |
| 17 Kentucky... | 5,456,628 | 6,950,279 | 9,025,568 | 7,705,593 | 9,584,435 | 6,890,614 |
| 18 Louisiana... | 1,339,607 | 982,465 | 606,264 | 529,788 | 636,440 | 850,641 |
| 19 Maine..... | 214,696 | 123,089 | 107,473 | 90,656 | 79,621 | 70,696 |
| 20 Maryland... | 2,653,802 | 2,351,107 | 2,760,737 | 2,577,579 | 2,705,246 | 2,320,736 |
| 21 Massachu'ts | 3,761,005 | 2,792,308 | 2,708,014 | 2,752,216 | 2,668,737 | 2,424,364 |
| 22 Michigan... | 2,205,721 | 1,788,080 | 1,931,226 | 2,066,164 | 1,821,823 | 1,602,803 |
| 23 Minnesota... | 231,405 | 227,256 | 228,862 | 248,776 | 239,468 | 275,003 |
| 24 Mississippi | 128,079 | 107,619 | 96,966 | 85,165 | 78,683 | 86,824 |
| 25 Missouri... | 4,259,320 | 4,325,486 | 4,594,875 | 2,981,942 | 4,460,063 | 5,071,233 |
| 26 Montana.... | 24,018 | 29,028 | 23,666 | 20,963 | 20,730 | 27,104 |
| 27 Nebraska... | 242,962 | 276,387 | 292,472 | 502,393 | 602,742 | 699,821 |
| 28 Nevada.... | 72,305 | 52,549 | 58,808 | 67,923 | 58,312 | 59,017 |
| 29 N. Hamp'se | 325,455 | 248,679 | 299,390 | 260,261 | 234,999 | 228,188 |
| 30 New Jersey | 2,567,442 | 1,725,627 | 2,363,469 | 3,779,940 | 4,367,961 | 5,095,325 |
| 31 N. Mexico... | 23,238 | 18,418 | 22,066 | 22,162 | 17,711 | 19,323 |
| 32 New York... | 19,219,505 | 15,182,863 | 15,238,862 | 14,616,724 | 14,452,179 | 14,951,520 |
| 33 N. Carolina. | 1,408,322 | 1,485,781 | 1,630,424 | 1,671,138 | 1,775,848 | 1,818,460 |
| 34 Ohio..... | 14,851,309 | 14,935,411 | 14,662,720 | 16,587,909 | 15,474,690 | 14,770,506 |
| 35 Oregon.... | 73,544 | 46,773 | 47,930 | 49,573 | 53,100 | 60,683 |
| 36 Pennsylv'a. | 7,826,276 | 6,373,672 | 6,157,960 | 5,973,432 | 6,279,046 | 5,917,422 |
| 37 Rhode Isl'd | 324,552 | 233,165 | 231,978 | 222,673 | 233,165 | 246,760 |
| 38 S. Carolina. | 167,214 | 108,561 | 122,278 | 105,804 | 105,633 | 119,242 |
| 39 Tennessee... | 644,481 | 664,717 | 861,645 | 596,714 | 897,182 | 844,485 |
| 40 Texas..... | 272,326 | 272,638 | 258,297 | 245,709 | 237,940 | 265,933 |
| 41 Utah..... | 40,786 | 41,684 | 31,800 | 33,332 | 28,426 | 43,936 |
| 42 Vermont... | 75,860 | 56,317 | 58,562 | 47,125 | 50,028 | 44,289 |
| 43 Virginia.... | 7,343,799 | 6,308,665 | 7,660,921 | 7,314,894 | 7,932,221 | 6,501,730 |
| 44 Washing'tn | 15,699 | 17,999 | 31,147 | 20,411 | 21,373 | 23,011 |
| 45 W. Virginia. | 449,662 | 516,119 | 508,868 | 430,978 | 461,031 | 326,472 |
| 46 Wisconsin... | 1,881,821 | 2,369,564 | 2,722,077 | 3,308,770 | 2,867,440 | 2,431,301 |
| 47 Wyoming... | 10,653 | 11,223 | 11,942 | 15,063 | 15,204 | 15,307 |
| Aggregate receipts each year... | 106,255,519 | 96,368,422 | 103,771,723 | 110,718,663 | 112,544,657 | 104,717,820 |
| Adhesive stamps..... | 7,702,377 | 6,136,845 | 6,557,220 | 6,518,488 | 6,450,429 | 6,380,405 |
| Salaries..... | 117,542 | 139,472 | 233 | 568 | 96 | |
| Collections under Act of May 8, 1872.. | | | 216,027 | | | |
| Aggregate receipts from all sources.. | 114,075,838 | 102,644,749 | 110,546,876 | 117,237,770 | 118,995,184 | 111,097,725 |

UNITED STATES INTERNAL REVENUE TAXES.

[From the Revised Statutes of the United States as amended in 1873.]

| | |
|--|------------|
| Ale, per bbl. of 31 gallons..... | \$1 00 |
| Banks and bankers, on average amount of deposits, each month..... $\frac{1}{2}$ of 1 per ct. | |
| Banks, savings, and savings institutions, having no capital stock and making no profit on deposits, are exempt from tax on so much of their deposits as is invested in United States securities, and on all sums not exceeding \$2,000 in the name of one person. | |
| Banks and bankers, on capital, beyond the average amount invested in United States bonds, each month..... $\frac{1}{4}$ of 1 per ct. | |
| Banks and bankers, on average amount of circulation, each month..... $\frac{1}{4}$ of 1 per ct. | |
| Banks, on average amount of circulation, beyond 90 per cent. of the capital, an additional tax each month..... $\frac{1}{2}$ of 1 per ct. | |
| Banks, persons, firms, associations, etc., on amount of notes of any person, firm, association (other than a national banking association), corporation, State bank, or State banking association, town, city, or municipal corporation, used and paid out as circulation..... | 10 per ct. |
| Banks, persons, firms, associations (other than national bank associations), and every corporation, State bank, or State banking association, on the amount of their own notes used for circulation and paid out by them.. | 10 per ct. |
| Beer, per bbl. of 21 gallons..... | \$1 00 |
| Brandy, per gallon..... | 90 |
| Brewers, manufacturing 500 bbls. or more, annually..... | 100 00 |
| — manufacturing less than 500 bbls. annually..... | 50 00 |
| Cigars, manufacturers of, special tax..... | 10 00 |
| Cigars of all descriptions, made of tobacco or any substitute, per 1,000..... | 6 00 |
| Cigarettes, not weighing more than 3 lbs. per 1,000, per 1,000..... | 1 75 |
| Cigarettes, weight exceeding 3 lbs. per 1,000, per 1,000..... | 6 00 |
| Cigars or cigarettes, imported in addition to import duty to pay same as above. | |
| Liquors, fermented, per bbl..... | 1 00 |
| Liquors, distilled, per gallon..... | 90 |
| Liquor dealers (wholesale), special tax..... | 100 00 |
| Malt liquor dealers (wholesale)..... | 50 00 |
| Liquor dealers (retail), special tax..... | 25 00 |
| Malt liquor dealers (retail)..... | 20 00 |
| Manufacturers of stills..... | 50 00 |
| Manufacturers of stills, for each still or worm made..... | 20 00 |
| Rectifiers, special tax..... | 200 00 |
| Snuff, or snuff flour, manufactured of tobacco, or any substitute, per lb..... | 32 |
| Spirits distilled, per proof gallon..... | 90 |
| Stamps, for distilled spirits for export, wholesale liquor dealers, special bonded warehouse, distillery warehouse, and rectified spirits.....each | 10 |
| Tobacco, all kinds, per lb..... | 24 |
| Tobacco, dealers in..... | 5 00 |
| Tobacco, manufacturers of..... | 10 00 |
| Tobacco, dealers in leaf, wholesale..... | 25 00 |
| Tobacco, dealers in leaf, retail..... | 500 00 |
| Tobacco, dealers in leaf, for sales in excess of \$1,000, per dollar of excess.... | 50 |
| Tobacco pedlars, travelling with more than two horses, mules, etc..... | 50 00 |
| Tobacco pedlars, travelling with two horses, mules, or other animals..... | 25 00 |
| Tobacco pedlars, travelling with one horse, mule, or other animal..... | 15 00 |
| Tobacco pedlars, travelling on foot, or by public conveyance..... | 10 00 |
| Tobacco, snuff, and cigars, for export, stamps for, each..... | 10 |
| Whiskey, per proof gallon..... | 90 |

| | |
|--|--------|
| Wines and champagne (imitation), not made from grapes grown in the United States, and liquors not made from grapes, currants, rhubarb, or berries, grown in the United States, but rectified or mixed with distilled spirits, or by infusion of any matter in spirits, to be sold as wine or substitute for it, per dozen bottles of more than a pint and not more than a quart..... | \$2 40 |
| Imitation wines, containing not more than one pint, per dozen bottles.... | 1 20 |

STAMP TAXES.

| | |
|--|----------|
| Bank check, draft, or order for the payment of any sum of money whatsoever, drawn upon any bank, banker, or trust company..... | 2 cents. |
| Playing cards, each pack..... | 5 cents. |

MEDICINES, PREPARATIONS, COSMETICS, ETC.

| | |
|--|----------|
| Every packet, box, bottle, pot, vial, or other inclosure, containing any pills, powders, tinctures, troches, or lozenges, syrups, cordials, bitters, anodynes, tonics, plasters, liniments, salves, ointments, pastes, drops, waters, essences, spirits, oils, or other preparations or compositions whatsoever, made and sold, or removed for consumption and sale, by any person or persons whatever, wherein the person making or preparing the same has, or claims to have, any private formula or occult secret or art for the making or preparing the same, or has, or claims to have, any exclusive right or title to the making or preparing the same, or which are prepared, uttered, vended or exposed for sale under any letters-patent, or held out or recommended to the public by the makers, venders, or proprietors thereof as proprietary medicines, or as remedies or specifics, and for every packet, box, bottle, pot, vial, or other inclosure, containing any essence, extract, toilet water, cosmetic, hair oil, pomade, hair dressing, hair restorative, hair dye, tooth wash, dentifrice, tooth paste, aromatic cachous, or any similar articles, by whatsoever name the same have been, now are, or may hereafter be called, known, or distinguished, used or applied, or to be used or applied as perfumes or applications to the hair, mouth, or skin, made, prepared, and sold or removed for consumption and sale in the United States as follows ; where such packet, box, bottle, vial, or other inclosure, with its contents, shall not exceed, at the retail price or value, the sum of twenty-five cents..... | 1 cent. |
| Exceeding twenty-five, and not exceeding fifty cents..... | 2 cents. |
| Exceeding fifty, and not exceeding seventy-five cents..... | 3 cents. |
| Exceeding seventy-five cents, and not exceeding one dollar..... | 4 cents. |
| Exceeding one dollar, for every additional fifty cents or fractional part thereof, an additional..... | 2 cents. |

MATCHES, WAX TAPERS, AND CIGAR LIGHTS.

| | |
|--|----------|
| Friction matches, or lucifer matches, or other articles made in part of wood, and used for like purposes, in parcels or packages containing 100 matches or less, for each parcel or package..... | 1 cent. |
| Packages containing more than 100, and not more than 200 matches..... | 2 cents. |
| And for every additional 100 matches, or fractional parts thereof.... | 1 cent. |
| Wax tapers, double the rates upon friction or lucifer matches. | |
| Cigar lights, made in part of wood, wax, glass, paper, or other materials, in parcels or packages containing 25 lights or less in each parcel or package..... | 1 cent. |
| Parcels or packages containing more than 25, and not more than 50 lights.... | 2 cents. |
| For every additional 25 lights or fractional part of that number, one cent additional..... | 1 cent. |

SPECIE VALUE OF IMPORTS AND EXPORTS OF THE UNITED STATES, FROM SEPT. 30, 1789, TO JUNE 30, 1878.

[From the Annual Reports on Commerce and Navigation.]

| FISCAL YEAR. | IMPORTS. | | | FOREIGN EXPORTS. | | |
|-------------------------|-------------------|----------------------|-------------|-------------------|----------------------|------------|
| | Merchan- dise. | Coin and bullion. | Total. | Merchan- dise. | Coin and bullion. | Total. |
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1790..... | | | 23,000,000 | | | 539,156 |
| 1791..... | | | 29,200,000 | | | 512,041 |
| 1792..... | | | 31,500,000 | | | 1,753,098 |
| 1793..... | | | 31,100,000 | | | 2,109,573 |
| 1794..... | | | 34,600,000 | | | 6,526,233 |
| 1795..... | | | 69,756,268 | | | 8,489,473 |
| 1796..... | | | 81,436,164 | | | 26,800,000 |
| 1797..... | | | 75,379,406 | | | 27,000,000 |
| 1798..... | | | 68,551,700 | | | 33,000,000 |
| 1799..... | | | 79,069,148 | | | 45,523,000 |
| 1800..... | | | 91,252,768 | | | 39,130,877 |
| 1801..... | | | 111,363,511 | | | 46,642,721 |
| 1802..... | | | 76,333,333 | | | 35,774,971 |
| 1803..... | | | 64,666,666 | | | 13,594,073 |
| 1804..... | | | 85,000,000 | | | 36,231,597 |
| 1805..... | | | 120,600,000 | | | 53,179,019 |
| 1806..... | | | 129,410,000 | | | 60,283,236 |
| 1807..... | | | 138,500,000 | | | 10,643,558 |
| 1808..... | | | 56,990,000 | | | 12,997,414 |
| 1809..... | | | 59,400,000 | | | 20,797,531 |
| 1810..... | | | 85,400,000 | | | 24,391,295 |
| 1811..... | | | 53,400,000 | | | 16,022,790 |
| 1812..... | | | 77,030,000 | | | 8,495,127 |
| 1813..... | | | 22,005,000 | | | 2,847,845 |
| 1814..... | | | 12,965,000 | | | 145,169 |
| 1815..... | | | 113,041,274 | | | 6,583,330 |
| 1816..... | | | 147,103,000 | | | 17,188,556 |
| 1817..... | | | 99,250,000 | | | 19,358,069 |
| 1818..... | | | 121,750,000 | | | 19,426,696 |
| 1819..... | | | 87,125,000 | | | 19,165,683 |
| 1820..... | | | 74,450,000 | | | 18,008,029 |
| 1821 ² | 54,520,835 | 8,064,890 | 62,585,724 | 10,824,429 | 10,478,059 | 21,302,488 |
| 1822..... | 79,371,695 | 3,369,846 | 83,241,541 | 11,476,022 | 10,810,180 | 22,286,203 |
| 1823..... | 72,481,371 | 5,097,896 | 77,579,267 | 21,170,635 | 6,372,987 | 27,543,623 |
| 1824..... | 72,170,037 | 8,378,970 | 80,549,007 | 18,322,605 | 7,014,552 | 25,337,157 |
| 1825..... | 90,189,310 | 6,150,765 | 96,340,075 | 23,793,588 | 8,797,055 | 32,190,643 |
| 1826..... | 78,093,511 | 6,880,966 | 84,974,477 | 20,440,934 | 4,098,678 | 24,539,613 |
| 1827..... | 71,332,938 | 8,151,130 | 79,484,068 | 16,431,830 | 6,971,306 | 23,403,136 |
| 1828..... | 81,020,083 | 7,489,741 | 88,509,824 | 14,044,578 | 7,550,439 | 21,595,017 |
| 1829..... | 67,088,915 | 7,403,612 | 74,492,527 | 12,347,344 | 4,311,134 | 16,658,478 |
| 1830..... | 62,720,956 | 8,155,964 | 70,876,920 | 13,145,857 | 1,241,622 | 14,387,479 |
| 1831..... | 95,885,179 | 7,305,945 | 103,191,124 | 13,077,069 | 6,956,457 | 20,033,526 |
| 1832..... | 95,121,762 | 5,907,504 | 101,029,266 | 19,794,074 | 4,245,399 | 24,039,473 |
| 1833..... | 101,047,943 | 7,070,368 | 108,118,311 | 17,577,876 | 2,244,859 | 19,822,735 |
| 1834..... | 108,609,700 | 17,911,632 | 126,521,332 | 21,636,553 | 1,676,258 | 23,312,811 |
| 1835..... | 136,764,295 | 13,131,447 | 149,895,742 | 14,756,321 | 5,748,174 | 20,504,495 |
| 1836..... | 176,579,154 | 13,400,881 | 189,980,035 | 17,767,762 | 3,978,598 | 21,746,360 |
| 1837..... | 130,472,803 | 10,516,414 | 140,989,217 | 17,162,232 | 4,692,730 | 21,854,963 |
| 1838..... | 95,970,288 | 17,747,116 | 113,717,404 | 9,417,690 | 3,035,105 | 12,452,795 |
| 1839..... | 156,496,956 | 5,595,176 | 162,092,132 | 10,626,140 | 6,868,385 | 17,494,525 |
| 1840..... | 98,258,706 | 8,832,813 | 107,141,519 | 12,008,371 | 6,181,941 | 18,190,313 |
| 1841..... | 122,957,544 | 4,988,633 | 127,946,177 | 8,181,235 | 7,287,846 | 15,469,081 |
| 1842..... | 96,075,071 | 4,087,016 | 100,162,087 | 8,078,753 | 3,642,753 | 11,721,538 |
| 1843 ³ | 42,433,464 | 22,320,335 | 64,753,799 | 5,139,335 | 1,413,362 | 6,552,697 |
| 1844..... | 102,604,606 | 5,820,429 | 108,425,035 | 6,214,058 | 5,270,809 | 11,484,867 |
| 1845..... | 113,184,322 | 4,070,242 | 117,254,564 | 7,584,781 | 7,762,049 | 15,346,830 |
| 1846..... | 117,914,065 | 3,777,732 | 121,691,797 | 7,865,206 | 3,481,417 | 11,346,623 |
| 1847..... | 122,424,349 | 24,121,289 | 146,545,638 | 6,166,754 | 1,844,404 | 8,011,158 |
| 1848..... | 148,638,644 | 6,360,284 | 154,998,928 | 7,986,806 | 13,141,204 | 21,128,010 |
| 1849..... | 141,206,199 | 6,651,240 | 147,857,439 | 8,641,091 | 4,447,774 | 13,088,865 |

2. Before 1821, the Treasury accounts did not separate merchandise from specie.

3. The figures for 1843 are for 9 months, the fiscal year having then been changed from Sept. 30 to June 30.

SPECIE VALUE OF IMPORTS AND EXPORTS OF THE UNITED STATES
FROM SEPT. 30, 1739, TO JUNE 30, 1878—(Continued).

| FISCAL YEAR. | NET IMPORTS (less re-exports). | | | DOMESTIC EXPORTS. | | |
|-----------------|--------------------------------|----------------------|-------------|-------------------|----------------------|-------------|
| | Merchan- dise. | Coin and bullion. | Total. | Merchan- dise. | Coin and bullion. | Total. |
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1790..... | | | 22,460,844 | | | 19,666,000 |
| 1791..... | | | 28,687,959 | | | 18,500,000 |
| 1792..... | | | 29,746,902 | | | 19,000,000 |
| 1793..... | | | 28,990,423 | | | 24,000,000 |
| 1794..... | | | 28,073,767 | | | 26,500,000 |
| 1795..... | | | 61,266,796 | | | 39,500,000 |
| 1796..... | | | 55,136,164 | | | 40,764,097 |
| 1797..... | | | 48,379,406 | | | 29,850,206 |
| 1798..... | | | 35,551,700 | | | 28,527,097 |
| 1799..... | | | 33,546,148 | | | 33,142,522 |
| 1800..... | | | 52,121,991 | | | 31,840,903 |
| 1801..... | | | 64,720,790 | | | 47,473,204 |
| 1802..... | | | 40,558,362 | | | 36,708,189 |
| 1803..... | | | 51,072,594 | | | 42,205,961 |
| 1804..... | | | 48,768,403 | | | 41,467,477 |
| 1805..... | | | 67,420,981 | | | 42,387,002 |
| 1806..... | | | 69,126,764 | | | 41,253,727 |
| 1807..... | | | 78,856,442 | | | 48,699,592 |
| 1808..... | | | 43,992,586 | | | 9,433,546 |
| 1809..... | | | 38,602,469 | | | 31,405,702 |
| 1810..... | | | 61,008,705 | | | 42,366,675 |
| 1811..... | | | 37,877,210 | | | 45,294,043 |
| 1812..... | | | 68,534,873 | | | 30,032,109 |
| 1813..... | | | 19,157,155 | | | 25,008,152 |
| 1814..... | | | 12,819,831 | | | 6,782,272 |
| 1815..... | | | 106,457,924 | | | 45,974,403 |
| 1816..... | | | 129,964,444 | | | 64,781,896 |
| 1817..... | | | 79,891,931 | | | 68,313,500 |
| 1818..... | | | 102,323,204 | | | 73,854,437 |
| 1819..... | | | 67,939,317 | | | 50,976,838 |
| 1820..... | | | 56,441,971 | | | 51,683,640 |
| 1821..... | 43,693,405 | 2,418,169 | 41,263,236 | 43,671,894 | | 43,671,894 |
| 1822..... | 68,395,674 | 7,440,335 | 60,955,339 | 49,874,079 | | 49,874,079 |
| 1823..... | 51,310,736 | 1,375,091 | 50,085,645 | 47,155,408 | | 47,155,408 |
| 1824..... | 53,847,432 | 1,364,418 | 55,211,850 | 50,649,500 | | 50,649,500 |
| 1825..... | 66,395,728 | 2,646,390 | 63,749,432 | 66,944,745 | | 66,944,745 |
| 1826..... | 57,652,577 | 2,782,298 | 60,434,865 | 53,449,825 | 605,885 | 53,055,710 |
| 1827..... | 54,901,108 | 1,179,824 | 56,080,922 | 57,878,117 | 1,043,574 | 58,921,691 |
| 1828..... | 66,975,505 | 40,898 | 66,914,607 | 49,976,632 | 693,037 | 50,669,669 |
| 1829..... | 54,741,571 | 3,063,478 | 57,804,049 | 55,067,307 | 612,886 | 55,700,193 |
| 1830..... | 49,575,039 | 6,914,342 | 56,489,441 | 58,594,878 | 937,151 | 59,462,029 |
| 1831..... | 82,808,110 | 349,486 | 83,157,598 | 59,218,583 | 2,066,474 | 61,277,057 |
| 1832..... | 75,327,688 | 1,662,105 | 76,989,793 | 61,726,529 | 1,410,941 | 63,137,470 |
| 1833..... | 83,470,067 | 4,825,509 | 88,295,576 | 69,960,856 | 366,842 | 70,317,698 |
| 1834..... | 86,973,147 | 16,235,374 | 103,208,521 | 80,623,662 | 400,500 | 81,024,162 |
| 1835..... | 122,007,974 | 7,383,273 | 129,391,247 | 100,459,481 | 739,601 | 101,189,082 |
| 1836..... | 152,811,302 | 9,422,283 | 162,233,585 | 106,570,942 | 345,738 | 106,916,680 |
| 1837..... | 112,810,571 | 5,823,684 | 118,634,255 | 94,389,895 | 1,238,519 | 95,628,414 |
| 1838..... | 86,552,506 | 14,712,011 | 101,264,517 | 95,560,880 | 472,941 | 96,033,821 |
| 1839..... | 145,870,816 | 11,273,209 | 144,597,607 | 101,625,533 | 1,908,358 | 103,533,891 |
| 1840..... | 86,250,335 | 2,700,872 | 88,951,207 | 111,660,561 | 2,235,073 | 113,895,634 |
| 1841..... | 114,776,309 | 2,399,213 | 112,477,096 | 103,636,236 | 2,746,486 | 106,382,722 |
| 1842..... | 87,996,318 | 444,221 | 88,440,549 | 91,799,242 | 1,170,754 | 92,969,996 |
| 1843..... | 37,294,139 | 30,906,973 | 68,201,102 | 77,686,354 | 107,429 | 77,793,783 |
| 1844..... | 96,390,538 | 559,680 | 96,950,218 | 99,531,774 | 183,405 | 99,715,179 |
| 1845..... | 103,599,541 | 2,691,807 | 101,907,734 | 98,455,330 | 844,446 | 99,299,776 |
| 1846..... | 110,048,859 | 296,315 | 110,345,174 | 101,718,042 | 423,851 | 102,141,893 |
| 1847..... | 116,237,505 | 22,276,865 | 138,514,370 | 150,574,844 | 62,620 | 150,637,464 |
| 1848..... | 140,651,838 | 6,780,930 | 133,870,908 | 130,203,709 | 2,700,412 | 132,904,121 |
| 1849..... | 132,565,108 | 2,208,466 | 134,773,574 | 131,710,061 | 956,874 | 132,666,935 |

1. Excess of foreign specie exported over imports.

**SPECIE VALUE OF IMPORTS AND EXPORTS OF THE UNITED STATES,
FROM SEPT. 30, 1789, TO JUNE 30, 1878—(Continued).**

| FISCAL YEAR. | IMPORTS. | | | FOREIGN EXPORTS. | | |
|-----------------|-------------------|----------------------|-------------|-------------------|----------------------|------------|
| | Merchan- dise. | Coin and bullion. | Total. | Merchan- dise. | Coin and bullion. | Total. |
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1850.... | 173,509,526 | 4,628,792 | 178,138,318 | 9,475,493 | 5,476,315 | 14,951,803 |
| 1851.... | 210,771,429 | 5,453,503 | 216,224,932 | 10,295,121 | 11,403,172 | 21,698,293 |
| 1852.... | 207,440,398 | 5,505,044 | 212,945,442 | 12,053,084 | 5,236,298 | 17,289,382 |
| 1853.... | 263,777,265 | 4,201,382 | 267,978,647 | 13,620,120 | 3,938,340 | 17,558,460 |
| 1854.... | 297,623,039 | 6,939,342 | 304,562,381 | 21,631,260 | 3,218,934 | 24,850,194 |
| 1855.... | 257,808,708 | 3,659,812 | 261,468,520 | 26,158,368 | 2,289,925 | 28,448,293 |
| 1856.... | 310,432,310 | 4,207,632 | 314,639,942 | 14,781,372 | 1,597,206 | 16,378,578 |
| 1857.... | 348,428,342 | 12,461,799 | 360,890,141 | 14,917,047 | 9,058,570 | 23,975,617 |
| 1858.... | 263,338,654 | 19,274,496 | 282,613,150 | 20,660,241 | 10,225,901 | 30,886,142 |
| 1859.... | 331,333,341 | 7,434,789 | 338,768,130 | 14,509,971 | 6,385,106 | 20,895,077 |
| 1860.... | 353,616,119 | 8,550,135 | 362,166,254 | 17,333,634 | 5,599,388 | 22,933,022 |
| 1861.... | 289,310,542 | 46,339,611 | 335,650,153 | 14,654,217 | 5,991,210 | 20,645,427 |
| 1862.... | 189,356,677 | 16,415,052 | 205,771,729 | 11,026,477 | 5,842,989 | 16,869,466 |
| 1863.... | 243,335,815 | 9,584,105 | 252,919,920 | 17,960,535 | 8,163,049 | 26,123,584 |
| 1864.... | 316,447,283 | 13,115,612 | 329,562,895 | 15,333,961 | 4,922,979 | 20,256,940 |
| 1865.... | 238,745,580 | 9,810,072 | 248,555,652 | 29,089,055 | 3,205,102 | 32,114,157 |
| 1866.... | 434,812,066 | 10,700,092 | 445,512,158 | 11,341,420 | 3,400,697 | 14,742,117 |
| 1867.... | 395,63,100 | 22,070,475 | 417,833,575 | 14,719,332 | 5,892,176 | 20,611,508 |
| 1868.... | 357,436,440 | 14,188,368 | 371,624,808 | 12,562,999 | 10,038,127 | 22,601,126 |
| 1869.... | 417,506,379 | 19,807,876 | 437,314,255 | 10,951,000 | 14,222,414 | 25,173,414 |
| 1870.... | 435,958,408 | 26,419,179 | 462,377,587 | 16,155,295 | 14,271,864 | 30,427,159 |
| 1871.... | 520,223,684 | 21,270,024 | 541,493,708 | 14,421,270 | 14,083,629 | 28,504,899 |
| 1872.... | 626,595,077 | 13,743,689 | 640,338,766 | 15,690,455 | 7,079,294 | 22,769,749 |
| 1873.... | 642,136,210 | 21,480,937 | 663,617,147 | 17,446,488 | 10,703,028 | 28,149,511 |
| 1874.... | 567,406,342 | 28,454,906 | 595,861,248 | 16,849,619 | 6,930,719 | 23,780,338 |
| 1875.... | 533,005,436 | 20,900,717 | 553,906,153 | 14,158,611 | 8,275,013 | 22,433,624 |
| 1876.... | 460,741,190 | 15,936,681 | 476,677,871 | 14,802,424 | 6,467,611 | 21,270,035 |
| 1877.... | 451,323,126 | 40,774,414 | 492,097,540 | 12,804,996 | 13,027,499 | 25,832,495 |
| 1878.... | 437,051,532 | 29,821,314 | 466,872,846 | 14,154,698 | 6,678,240 | 20,832,938 |

The import values are invoice prices in gold at place of shipment, and the export values are also in specie. From 1862 to 1878, representing the period of suspension of specie payments, an additional column on the right exhibits the currency value of domestic exports, added to the specie of domestic production exported.

**Estimated Aggregate Production of the Precious Metals during
the Twenty-seven Years from 1849 to 1875, inclusive.**

| COUNTRIES. | Gold. | Silver. | Gold and Silver. |
|----------------------|-----------------------------|-----------------------------|-----------------------------|
| | <i>Million dollars.</i> | <i>Million dollars.</i> | <i>Million dollars.</i> |
| Entire World..... | 2,761.7 | 1,573.9 | 4,335.6 |
| United States..... | 1,351.6 | *265.55 | 1,617.15 |
| Other Countries..... | 1,410.1 | 1,308.35 | 2,718.45 |

* Seventeen years, 1850 to 1875. The silver mines of the United States were first discovered in 1859.

SPECIE VALUE OF IMPORTS AND EXPORTS OF THE UNITED STATES,
FROM SEPT. 30, 1793, TO JUNE 30, 1878—(Continued).

| FISCAL YEAR. | NET IMPORTS (less re-exports). | | | DOMESTIC EXPORTS. | | | |
|-----------------|--------------------------------|----------------------|-------------|-------------------|----------------------|-------------|--|
| | Merchan- dise. | Coin and bullion. | Total | Merchan- dise. | Coin and bullion. | Total. | Mixed values, gold and currency. |
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1850.. | 164,034,033 | 1847,523 | 163,186,510 | 134,900,233 | 2,046,679 | 136,946,912 | ..... |
| 1851.. | 200,476,308 | 15,949,669 | 194,526,639 | 178,620,138 | 18,069,580 | 196,689,718 | ..... |
| 1852.. | 195,387,314 | 268,746 | 195,656,060 | 154,931,147 | 37,437,837 | 192,368,984 | ..... |
| 1853.. | 250,157,145 | 263,042 | 250,420,187 | 189,869,162 | 23,548,535 | 213,417,697 | ..... |
| 1854.. | 275,991,779 | 3,720,408 | 279,712,187 | 215,328,200 | 38,062,570 | 253,390,870 | ..... |
| 1855.. | 231,650,340 | 1,369,887 | 233,020,227 | 192,751,135 | 53,957,418 | 246,708,553 | ..... |
| 1856.. | 295,650,938 | 2,610,426 | 298,261,364 | 266,438,051 | 44,148,279 | 310,586,330 | ..... |
| 1857.. | 333,511,295 | 3,403,229 | 336,914,524 | 278,906,713 | 60,078,352 | 338,985,065 | ..... |
| 1858.. | 242,678,413 | 9,048,595 | 251,727,008 | 251,351,033 | 42,407,246 | 293,758,279 | ..... |
| 1859.. | 316,823,370 | 1,049,683 | 317,873,053 | 278,392,080 | 57,502,305 | 335,894,385 | ..... |
| 1860.. | 336,282,485 | 1,049,253 | 335,233,232 | 316,242,423 | 56,946,851 | 373,189,274 | ..... |
| 1861.. | 274,656,325 | 40,348,401 | 315,004,726 | 204,899,616 | 23,799,870 | 228,699,486 | ..... |
| 1862.. | 178,330,200 | 10,572,063 | 188,902,263 | 179,644,024 | 31,044,651 | 210,688,675 | 213,069,519 |
| 1863.. | 225,375,280 | 1,421,056 | 226,796,336 | 186,003,912 | 55,993,562 | 241,997,474 | 305,884,998 |
| 1864.. | 301,113,322 | 8,192,633 | 309,305,955 | 143,504,027 | 100,473,562 | 243,977,589 | 320,035,199 |
| 1865.. | 209,656,525 | 6,784,970 | 216,441,495 | 136,940,248 | 64,618,124 | 201,558,372 | 323,743,187 |
| 1866.. | 423,407,646 | 7,299,395 | 430,770,041 | 337,518,102 | 82,643,374 | 420,161,476 | 550,684,277 |
| 1867.. | 381,043,768 | 16,178,299 | 397,222,067 | 279,786,809 | 54,976,196 | 334,763,005 | 440,722,228 |
| 1868.. | 344,873,441 | 4,150,241 | 349,023,682 | 269,389,900 | 83,745,975 | 353,135,875 | 454,301,713 |
| 1869.. | 406,555,379 | 5,585,462 | 412,140,841 | 275,166,697 | 42,915,966 | 318,082,663 | 413,961,115 |
| 1870.. | 419,803,113 | 12,147,315 | 431,950,428 | 376,616,473 | 43,883,802 | 420,500,275 | 499,092,143 |
| 1871.. | 505,802,414 | 7,231,395 | 513,033,809 | 428,398,908 | 84,403,359 | 512,802,267 | 562,518,651 |
| 1872.. | 610,904,622 | 6,664,395 | 617,569,017 | 428,487,131 | 72,798,240 | 501,285,371 | 549,219,718 |
| 1873.. | 624,689,727 | 10,777,909 | 635,467,636 | 505,033,439 | 73,905,546 | 578,938,985 | 649,132,563 |
| 1874.. | 550,556,723 | 21,524,187 | 572,080,910 | 569,433,421 | 59,699,686 | 629,133,107 | 693,039,054 |
| 1875.. | 518,846,825 | 12,625,704 | 531,472,529 | *10,200,059 | ..... | *10,200,059 | *11,424,066 |
| 1876.. | 445,938,766 | 9,469,070 | 455,407,836 | 499,284,100 | 83,857,129 | 583,141,229 | 643,094,767 |
| 1877.. | 488,518,130 | 27,746,915 | 466,265,045 | *15,596,524 | ..... | *15,596,524 | *15,596,524 |
| 1878.. | 422,896,834 | 23,143,074 | 446,039,908 | 525,582,247 | 50,038,691 | 575,620,938 | 644,956,406 |
| | | | | *10,507,563 | ..... | *10,507,563 | *10,507,563 |
| | | | | 589,670,221 | 43,134,738 | 632,804,962 | 676,115,592 |
| | | | | *13,051,798 | ..... | *13,051,798 | *13,051,798 |
| | | | | 680,683,798 | 27,054,935 | 707,738,733 | 732,779,499 |
| | | | | | | *10,535,857 | *10,535,857 |

4. These figures represent additional exports to Canada, by land carriage, not embraced in the United States customs accounts, but from Canadian official reports.

Annual Average Production of the Precious Metals in the World,
also in the United States of America, since 1843, the Year of the
Discovery of the Gold-fields of California.

| COUNTRIES. | EPOCHS. | No of Years | Gold. | Silver. | Gold and Silver. |
|-----------------------|-------------|----------------|-----------------------------|-----------------------------|-----------------------------|
| | | | <i>Million dollars.</i> | <i>Million dollars.</i> | <i>Million dollars.</i> |
| Entire World..... | 1849-'75 .. | 27 | 102.20 | 58.29 | 160.53 |
| United States..... | 1849-'75 .. | 27 | 50.06 | 15.62 | 59.89 |
| Other Countries | 1849-'75 .. | 27 | 52.23 | 49.94 | 102.17 |

IMPORTS INTO THE UNITED STATES. LAST TWO YEARS.

From the Official Report of the Bureau of Statistics.
Corrected to August 14, 1878.

Twelve Months ended
June 30.

| | 1877. | 1878. |
|---|----------------------|----------------------|
| | VALUES. | VALUES. |
| FREE OF DUTY. | | |
| Argols..... | \$1,277,536 | \$1,298,568 |
| Articles, the produce or manufacture of the United States brought back..... | 2,780,544 | 3,022,701 |
| BARKS: | | |
| Medicinal: Peruvian, calisaya, Lima, etc..... | 564,488 | 1,417,693 |
| Barks used for tanning..... | 311,268 | 412,575 |
| Cork bark and wood, unmanufactured..... | 419,114 | 483,061 |
| Bolting cloths..... | 193,740 | 240,863 |
| Books..... | 265,214 | 258,351 |
| Camphor, crude..... | 153,229 | 166,693 |
| Chemicals, drugs, dyes, and medicines..... | 3,244,796 | 4,194,810 |
| Chloride of lime, or bleaching-powder..... | 711,000 | 586,813 |
| Cocoa, crude, and leaves and shells of..... | 597,847 | 605,340 |
| Cochineal..... | 649,525 | 698,055 |
| Coffee..... | 53,634,991 | 51,914,605 |
| Cotton, raw..... | 413,508 | 469,892 |
| Cutch, or catechu, and terra-japonica, or gambier..... | 910,479 | 978,539 |
| Dye-woods, in sticks..... | 1,175,389 | 1,396,485 |
| Eggs..... | 617,632 | 726,087 |
| FISH, NOT OF AMERICAN FISHERIES: | | |
| Fresh, of all kinds..... | 236,086 | 399,561 |
| Herring, pickled..... | 210,786 | 220,533 |
| Mackerel, pickled..... | 372,260 | 907,246 |
| All other..... | 581,592 | 687,487 |
| Fur-skins, undressed..... | 1,561,666 | 1,714,066 |
| GOLD AND SILVER: | | |
| Gold bullion..... | 2,119,570 | 1,972,603 |
| Silver bullion..... | 4,698,253 | 6,971,849 |
| Gold coin..... | 24,126,664 | 11,387,553 |
| Silver coin..... | 9,834,927 | 9,519,250 |
| Guano (except from bonded islands)..... | 873,390 | 849,607 |
| Guins..... | 1,387,310 | 1,297,855 |
| Gypsum, or plaster of Paris, unground..... | 106,635 | 106,708 |
| HAIR, UNMANUFACTURED: | | |
| Horse-hair, used for weaving..... | 215,239 | 182,424 |
| Hair of all kinds, not specified..... | 266,696 | 240,036 |
| Hides and skins, other than furs..... | 14,963,701 | 17,222,363 |
| Household and personal effects and wearing apparel, old and in use, of persons arriving from foreign countries, India-rubber and gutta-percha, crude..... | 1,152,735 | 1,185,943 |
| Indigo..... | 5,542,166 | 4,711,108 |
| Madder, not including the extract of..... | 1,301,988 | 1,387,489 |
| OILS: Whale or fish, not of American fisheries..... | 144,318 | 52,586 |
| Vegetable, fixed or expressed..... | 84,086 | 176,384 |
| Volatile, or essential..... | 564,813 | 448,883 |
| Paintings, statuary, and other works of art of American artists..... | 344,486 | 454,395 |
| PAPER MATERIALS: | | |
| Rags of cotton or linen..... | 236,189 | 174,324 |
| Other materials..... | 2,597,217 | 2,614,515 |
| Seeds..... | 1,329,582 | 1,179,154 |
| Silk, raw..... | 491,689 | 307,909 |
| Soda, nitrate of..... | 6,792,967 | 5,108,084 |
| Sulphur or brimstone, crude..... | 1,223,547 | 973,222 |
| Tea..... | 1,242,783 | 1,173,186 |
| Tin in bars, blocks, and pigs..... | 10,181,467 | 15,660,168 |
| Wood, unmanufactured..... | 1,793,613 | 2,183,084 |
| Articles imported from Hawaiian Islands under reciprocity treaty..... | 1,237,516 | 1,429,096 |
| All other free articles..... | 2,277,354 | 2,532,254 |
| Total imports free of duty..... | 6,770,929 | 6,579,172 |
| | \$181,562,806 | \$171,099,573 |

IMPORTS INTO THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | Twelve Months ended June 30. | |
|--|---------------------------------|------------------------|
| | 1877. | 1878. |
| DUTIABLE. | | |
| Animals, living..... | VALUES. \$1,648,461 | VALUES. \$2,664,676 |
| Beer, ale, porter, and other malt liquors..... | 758,854 | 592,707 |
| Books, pamphlets, engravings, and other publications... | 1,627,37 | 1,612,229 |
| Bra-s, and manufactures of..... | 247,82 | 245,670 |
| BREADSTUFFS AND OTHER FARINACEOUS FOOD : | | |
| Barley..... | 5,099,32 | 4,105,748 |
| Barley-malt..... | 247,72 | 399,844 |
| Bread and biscuit..... | 30,71 | 23,431 |
| Indian corn, or maize..... | 25,04 | 12,964 |
| Oats..... | 19,461 | 8,719 |
| Rice..... | 1,439,76 | 1,196,327 |
| Rye..... | 72,92 | 271,583 |
| Wheat..... | 372,63 | 1,549,084 |
| Wheat-flour..... | 50,87 | 47,426 |
| Meal or flour made from oats, Indian corn, rye, and buckwheat..... | 90,86 | 81,650 |
| Pease, beans, and other seeds of leguminous plants, bushels..... | 574,41 | 614,110 |
| All other farinaceous food, and preparations of, including arrow-root, pearl or hulled barley, etc.... | 208,57 | 263,120 |
| Bristles..... | 536,46 | 662,937 |
| Buttons of all kinds, including button materials partly fitted for buttons exclusively..... | 2,273,42 | 3,362,065 |
| Chemicals, drugs, dyes, and medicines..... | 4,872,00 | 3,596,973 |
| Chicory, ground or prepared, and root..... | 139,30 | 106,358 |
| CLOTHING (except when of silk, and except hosiery, etc., of cotton or wool) : | | |
| Cut and sewed together..... | 228,71 | 188,583 |
| Articles of wear..... | 961,23 | 1,091,836 |
| Coal, bituminous..... | 1,775,66 | 1,936,187 |
| Cocoa, manufactured, not including chocolate..... | 9,18 | 14,806 |
| COPPER, AND MANUFACTURES OF : | | |
| Ore..... | 2,47 | 84,369 |
| Pigs, bars, ingots, old and other, unmanufactured.. | 254,89 | 49,100 |
| Manufactures of..... | 330,01 | 322,418 |
| Cordage, rope, and twine, of all kinds..... | 67,650 | 139,668 |
| COTTON, MANUFACTURES OF : | | |
| Bleached and unbleached..... | 1,237,312 | 1,076,142 |
| Printed, painted, or colored..... | 1,415,112 | 1,086,426 |
| Hosiery, shirts, and drawers..... | 3,804,520 | 4,682,246 |
| Jeans, denims, drillings, etc..... | 86,919 | 104,688 |
| Other manufactures of, not specified..... | 12,379,751 | 12,131,590 |
| Earthen, stone, and China ware..... | 3,709,542 | 4,061,786 |
| Fancy-goods..... | 3,323,302 | 4,300,737 |
| FISH, NOT OF AMERICAN FISHERIES : | | |
| Herring..... | 189,615 | 180,840 |
| Mackerel..... | 148 | 67 |
| Sardines and anchovies, preserved in oil or otherwise | 773,331 | 677,910 |
| All other, not specified..... | 91,654 | 149,868 |
| FLAX, AND MANUFACTURES OF : | | |
| Flax, raw..... | 1,243,064 | 1,177,220 |
| Manufactures of, by yard..... | 11,509,894 | 11,490,758 |
| Other manufactures of..... | 2,402,496 | 2,922,812 |
| Fruits of all kinds, including nuts..... | 9,336,779 | 9,738,546 |
| Furs and dressed fur-skins..... | 2,401,778 | 2,280,204 |
| GLASS AND GLASS WARE : | | |
| Cylinder, crown, or common window..... | 1,006,456 | 812,612 |
| Cylinder and crown, polished..... | 8,482 | 7,168 |
| Fluted, rolled, or rough plate..... | 14,405 | 5,685 |
| Cast polished plate, not silvered..... | 1,363,964 | 883,823 |
| Cast polished plate, silvered..... | 552,899 | 572,066 |
| Other manufactures of..... | 1,090,680 | 1,061,795 |
| HAIR (excepting that of the alpaca, goat, and other like animals) AND MANUFACTURES OF : | | |
| Hair, human, and manufactures of..... | 77,075 | 135,776 |
| Hair, other, and manufactures of..... | 162,596 | 169,127 |
| HEMP, AND MANUFACTURES OF : | | |
| Raw..... | 1,852,480 | 2,221,164 |

IMPORTS INTO THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | | Twelve Months ended June 30. | |
|---|--|---------------------------------|----------------|
| | | 1877. | 1878. |
| HEMP : | DUTIABLE. | VALUES. | VALUES. |
| | Manufactures of, by yard..... | \$7,404 | \$2,232 |
| | Other manufactures of..... | 91,598 | 80,894 |
| India rubber and gutta-percha, manufactures of..... | | 325,113 | 242,564 |
| IRON AND STEEL, AND MANUFACTURES OF : | | | |
| | Pig-iron..... | 1,556,415 | 1,250,057 |
| | Castings..... | 8,044 | 6,015 |
| | Bar-iron..... | 1,515,691 | 1,541,115 |
| | Boiler-iron..... | 1,182 | 108 |
| | Band, hoop, and scroll-iron..... | 12,659 | 45 |
| | Sheet-iron..... | 103,288 | 85,784 |
| | Old and scrap-iron..... | 148,201 | 105,992 |
| | Hardware..... | 96,527 | 92,602 |
| | Anchor, cables, and chains of all kinds..... | 156,799 | 87,514 |
| | Machinery..... | 780,020 | 628,667 |
| | Muskets, pistols, rifles, and sporting-guns..... | 318,137 | 333,297 |
| | Steel ingots, bars, sheets, and wire..... | 1,338,982 | 1,220,037 |
| | Railroad bars or rails, of steel..... | 1,464 | 530 |
| | Cutlery..... | 875,276 | 1,161,332 |
| | Files..... | 135,585 | 125,448 |
| | Saws and tools..... | 13,507 | 8,384 |
| | Other manufactures of iron and steel..... | 2,563,828 | 2,410,106 |
| Jewelry, and all manufactures of gold and silver..... | | 542,838 | 249,253 |
| JUTE AND OTHER GRASSES, AND MANUFACTURES OF : | | | |
| | Raw..... | 2,351,778 | 2,438,198 |
| | Manufactures of, by yard..... | 629 | 114 |
| | Gunny-cloth and gunny-bags, and manufactures of, used for bagging..... | 162,286 | 155,646 |
| | Other manufactures of, not specified..... | 2,213,694 | 1,510,630 |
| LEAD, AND MANUFACTURES OF : | | | |
| | Pigs, bars, and old..... | 702,240 | 353,936 |
| | Manufactures of..... | 40,442 | 7,968 |
| LEATHER, AND MANUFACTURES OF : | | | |
| | Leather of all kinds..... | 4,589,718 | 3,784,729 |
| | Gloves of kid, and all other, of skin or leather, doz. pairs..... | 3,128,919 | 3,195,702 |
| | Other manufactures of..... | 537,014 | 486,928 |
| Marble and stone, and manufactures of..... | | 865,133 | 746,956 |
| Metals, metal compositions, and manufactures of..... | | 847,041 | 875,946 |
| Musical instruments..... | | 564,530 | 551,967 |
| OILS : Coal and other mineral oils..... | | 376,663 | 535 |
| | Whale and fish, not of American fisheries..... | 44,015 | 56,616 |
| | Olive, salad..... | 376,781 | 414,435 |
| | Olive, not salad..... | 114,650 | 44,345 |
| | All other vegetable, fixed..... | 169,316 | 200,043 |
| | Volatile, or essential..... | 231,563 | 171,740 |
| Opium, and extract of..... | | 1,788,347 | 1,874,815 |
| Paintings, chromo-lithographs, photographs, and statuary | | 998,691 | 794,193 |
| PAINTS : | | | |
| | White lead..... | 173,006 | 109,799 |
| | Red lead and litharge..... | 27,069 | 10,984 |
| | Whiting and Paris white..... | 11,270 | 7,967 |
| | Other paints and painters' colors..... | 715,747 | 719,363 |
| PAPER, AND MANUFACTURES OF : | | | |
| | Printing paper..... | 413 | 2,721 |
| | Writing paper..... | 8,944 | 13,006 |
| | Paper-hangings, and other paper..... | 100,134 | 119,700 |
| | Papier-maché, and other manufactures of paper not specified, including parchment..... | 1,080,612 | 1,331,133 |
| Perfumery and cosmetics..... | | 331,822 | 348,286 |
| Potatoes..... | | 1,652,963 | 245,515 |
| Precious stones..... | | 2,114,704 | 2,975,512 |
| Provisions (meats, poultry, lard, butter, cheese, etc.), not including vegetables..... | | 724,252 | 927,264 |
| Salt..... | | 1,659,531 | 1,693,865 |
| Saltpetre (nitrate of potash)..... | | 512,327 | 232,990 |
| SEEDS : | | | |
| | Flaxseed, or linseed..... | 1,916,240 | 1,868,333 |
| | All other, not specified..... | 373,121 | 330,960 |

IMPORTS INTO THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | | Twelve Months ended June 30. | |
|---|--|---------------------------------|---------------|
| | | 1877. | 1878. |
| DUTIABLE. | | VALUES. | VALUES. |
| SILK, MANUFACTURES OF: | | | |
| Dress and piece goods..... | | \$16,750,826 | \$13,861,193 |
| Hosiery..... | | 78,940 | 136,201 |
| Other manufactures of..... | | 5,000,393 | 5,840,536 |
| SODA, AND SALTS OF: | | | |
| Bicarbonate..... | | 107,169 | 96,244 |
| Carbonate, including sal-soda and soda-ash..... | | 3,441,432 | 3,385,569 |
| Caustic soda..... | | 1,114,045 | 1,076,008 |
| Acetate, sulphate, phosphate, and all other salts of soda..... | | 8,906 | 12,865 |
| Spices of all kinds; also ginger (ground), pepper, and mustard..... | | 1,437,995 | 1,986,217 |
| Straw and palm-leaf, manufactures of..... | | 1,679,781 | 2,296,266 |
| SUGAR AND MOLASSES: | | | |
| Brown sugar..... | | 61,187,504 | 69,642,368 |
| Refined sugar..... | | 26,043 | 7,469 |
| Molasses..... | | 7,808,357 | 6,764,119 |
| Melado and sirup of sugar-cane..... | | 1,654,165 | 1,123,613 |
| Candy and confectionery..... | | 5,857 | 6,898 |
| Sulphur, refined..... | | 48,868 | 14,924 |
| TIN, AND MANUFACTURES OF: | | | |
| In plates..... | | 9,751,327 | 9,929,496 |
| Other manufactures of..... | | 39,332 | 58,495 |
| TORACCO, AND MANUFACTURES OF: | | | |
| Leaf..... | | 3,728,619 | 4,102,782 |
| Cigars..... | | 2,002,347 | 2,269,267 |
| Other manufactures of..... | | 81,231 | 67,819 |
| Watches and watch movements and materials..... | | 772,433 | 812,582 |
| WINES, SPIRITS, AND CORDIALS: | | | |
| Spirits and cordials in casks..... | | 1,461,652 | 1,149,166 |
| Spirits and cordials in bottles..... | | 478,085 | 406,110 |
| Wine in casks..... | | 1,889,871 | 1,833,601 |
| Wine in bottles..... | | 2,236,899 | 2,123,254 |
| WOOD, AND MANUFACTURES OF. | | | |
| Cabinet-ware, house-furniture, and all manufactures of wood, not otherwise specified..... | | 798,175 | 832,267 |
| Boards, deals, planks, joists, and scantling..... | | 3,146,098 | 3,174,335 |
| Shingles..... | | 69,199 | 97,149 |
| Timber, sawed or hewed, wholly or in part..... | | 7,170 | 3,893 |
| Other lumber..... | | 224,679 | 200,016 |
| WOOL, SHEEP'S (and hair of the alpaca, goat, and other like animals), AND MANUFACTURES OF: | | | |
| Unmanufactured..... | | 7,156,944 | 8,363,015 |
| Cloths and cassimeres..... | | 6,624,909 | 6,771,653 |
| Woollen rage, shoddy, mungo, waste, and flocks.. | | 83,365 | 19,071 |
| Shawls..... | | 1,298,129 | 1,341,447 |
| Blankets..... | | 9,999 | 2,352 |
| Carpets..... | | 674,011 | 893,889 |
| Dress goods..... | | 12,549,867 | 12,055,806 |
| Hosiery, shirts, and drawers..... | | 559,941 | 582,922 |
| Other manufactures of..... | | 3,948,239 | 4,058,514 |
| ZINC, SPELTER, OR TUTENAG, AND MANUFACTURES OF: | | | |
| In blocks or pigs..... | | 64,956 | 59,601 |
| In sheets..... | | 77,713 | 69,583 |
| All other dutiable articles..... | | 4,007,484 | 3,570,904 |
| Total value of dutiable commodities..... | | \$310,527,540 | \$295,773,267 |
| Total value of commodities free of duty..... | | 181,563,866 | 171,099,579 |
| Total imports..... | | \$492,090,406 | \$466,872,846 |
| Total value of coin and bullion..... | | \$40,774,414 | \$39,821,314 |
| Total value of merchandise..... | | 451,315,992 | 427,051,532 |
| Total imports..... | | \$492,090,406 | \$466,872,846 |
| Brought in American vessels..... | | \$151,826,983 | \$146,499,233 |
| Brought in foreign vessels..... | | 339,565,833 | 307,407,565 |
| Brought in cars and other land vehicles..... | | 10,697,640 | 12,965,999 |

EXPORTS FROM THE UNITED STATES.

LAST TWO YEARS.

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | Twelve Months ended June 30. | |
|--|---------------------------------|----------------------------|
| | 1877. | 1878. |
| OF DOMESTIC PRODUCTION. | | |
| Acids | VALUES. \$74,930 | VALUES. \$48,534 |
| AGRICULTURAL IMPLEMENTS: | | |
| Fanning-mills..... | 10,554 | 2,008 |
| Horse-powers..... | 24,297 | 19,872 |
| Mowers and reapers..... | 765,249 | 1,018,916 |
| Ploughs and cultivators..... | 129,285 | 154,877 |
| All other, not specified..... | 898,538 | 1,379,467 |
| ANIMALS, LIVING: | | |
| Hogs..... | 699,180 | 267,239 |
| Horned cattle..... | 1,593,080 | 2,896,818 |
| Horses..... | 301,134 | 798,723 |
| Mules..... | 478,434 | 501,513 |
| Sheep..... | 234,460 | 333,499 |
| All other, and fowls..... | 18,885 | 46,841 |
| Ashes, pot and pearl..... | 53,170 | 38,369 |
| Bark, for tanning..... | 67,176 | 111,335 |
| BEER, ALE, PORTER, AND CIDER: | | |
| In bottles..... | 51,077 | 108,054 |
| In casks..... | 40,138 | 39,143 |
| Bells and bell and bronze metal..... | 12,366 | 12,579 |
| Billiard-tables and apparatus..... | 33,903 | 18,963 |
| Blacking..... | 101,866 | 105,434 |
| Bones and bone-dust..... | 121,498 | 78,939 |
| Bone-black, ivory-black, and lamp-black..... | 22,876 | 80,740 |
| Books, pamphlets, maps, and other publications..... | 634,345 | 598,265 |
| Brass, and manufactures of..... | 327,317 | 589,451 |
| BREAD AND BREADSTUFFS: | | |
| Barley..... | 708,541 | 2,565,730 |
| Bread and biscuit..... | 696,084 | 730,317 |
| Indian corn..... | 41,921,245 | 48,080,236 |
| Indian-corn meal..... | 1,511,152 | 1,335,898 |
| Oats..... | 1,150,686 | 1,277,980 |
| Rye..... | 1,623,766 | 3,051,739 |
| Rye flour..... | 39,672 | 30,775 |
| Wheat..... | 47,135,562 | 96,872,016 |
| Wheat flour..... | 21,068,947 | 25,082,636 |
| Other small grain and pulse..... | 676,865 | 1,077,399 |
| Maizena, farina, and all other preparations of bread- stuffs used as food..... | 650,206 | 1,709,639 |
| Bricks..... | 25,571 | 354,446 |
| Brooms and brushes of all kinds..... | 173,000 | 146,083 |
| Candles, tallow and other..... | 233,634 | 218,985 |
| Carriages, carts, and parts of..... | 568,018 | 979,008 |
| Cars, railroad, passenger and freight..... | 538,997 | 532,840 |
| Clocks, and parts of..... | 1,035,566 | 936,008 |
| Coffee, cocoa, and spices, including ginger, pepper, and mustard..... | 41,264 | 60,755 |
| COAL: | | |
| Bituminous..... | 1,024,711 | 1,006,843 |
| Other..... | 1,891,351 | 1,352,634 |
| Combs..... | 8,999 | 15,356 |

EXPORTS FROM THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | | Twelve Months ended June 30. | |
|--|------------------|---------------------------------|-------|
| | | 1877. | 1878. |
| | VALUES. | VALUES. | |
| COPPER, AND MANUFACTURES OF: | | | |
| Ore..... | \$109,451 | \$169,030 | |
| In pigs, bars, sheets, and old..... | 2,718,218 | 2,102,455 | |
| Other manufactures of..... | 195,780 | 217,423 | |
| Cordage, rope, and twine of all kinds..... | 323,888 | 383,973 | |
| COTTON, AND MANUFACTURES OF: | | | |
| Sea-Island..... | 1,064,509 | 1,616,214 | |
| Other, unmanufactured..... | 170,038,999 | 178,415,270 | |
| Colored manufactures..... | 2,484,131 | 2,959,910 | |
| Uncolored..... | 6,437,223 | 7,053,463 | |
| All other manufactures of..... | 1,314,489 | 1,422,255 | |
| Drugs, chemicals, and medicines..... | 1,379,957 | 2,302,967 | |
| Dye-stuffs..... | 628,309 | 537,281 | |
| Earthen and stone ware..... | 87,355 | 96,035 | |
| Fancy articles..... | 335,310 | 719,117 | |
| FRUITS: | | | |
| Apples, dried..... | 920,292 | 256,955 | |
| Apples, green or ripe..... | 966,112 | 386,090 | |
| Other fruit, green, ripe, or dried..... | 268,282 | 286,096 | |
| Preserved, in cans or otherwise..... | 762,344 | 454,828 | |
| Furs and fur-skins..... | 3,788,902 | 2,616,730 | |
| Gas-fixtures and chandeliers..... | 26,899 | 50,230 | |
| Ginseng..... | 562,268 | 497,247 | |
| Glass and glass-ware..... | 658,061 | 869,641 | |
| Glue..... | 16,069 | 31,247 | |
| GOLD AND SILVER, AND MANUFACTURES OF: | | | |
| Gold bullion..... | 1,064,536 | 205,310 | |
| Gold coin..... | 21,274,565 | 6,430,351 | |
| Silver bullion..... | 11,483,594 | 15,035,045 | |
| Silver coin..... | 8,672,596 | 5,163,006 | |
| { Trade-dollars..... | 620,147 | 223,264 | |
| { Other coin..... | 141 | 281 | |
| Gold and silver leaf..... | 132,499 | 208,142 | |
| Jewelry, and other manufactures of gold and silver..... | | | |
| HAIR: | | | |
| Unmanufactured..... | 338,487 | 331,343 | |
| Manufactures of..... | 9,896 | 30,233 | |
| HATS, CAPS AND BONNETS: | | | |
| Of wool, fur, and silk..... | 262,271 | 262,251 | |
| Of palm-leaf, straw, etc..... | 43,599 | 46,838 | |
| Hay..... | 116,936 | 141,340 | |
| HEMP, AND MANUFACTURES OF: | | | |
| Unmanufactured..... | 12,182 | 18,210 | |
| Cables and cordage..... | 175,750 | 146,043 | |
| All other manufactures of..... | 695,625 | 1,036,709 | |
| Hides and skins, other than fur..... | 2,460,427 | 1,286,840 | |
| Hoop-skirts..... | 2,305,355 | 2,152,873 | |
| Hops..... | 214,064 | 227,328 | |
| Ice..... | 27,445 | 29,801 | |
| INDIA-RUBBER AND GUTTA-PERCHA MANUFACTURES: | | | |
| Boots and shoes..... | 192,087 | 274,943 | |
| Other manufactures..... | | | |
| IRON AND STEEL, AND MANUFACTURES OF: | | | |
| Pig..... | 89,029 | 140,148 | |
| Bar..... | 194,775 | 183,373 | |
| Boiler-plates..... | 14,205 | 11,513 | |
| Railroad bars or rails..... | 243,511 | 824,935 | |
| Sheet, band, and hoop..... | 21,518 | 18,093 | |
| Castings, not otherwise specified..... | 218,279 | 275,781 | |
| Car-wheels..... | 122,039 | 63,628 | |
| Stoves, and parts of..... | 113,321 | 140,384 | |
| Steam-engines, locomotive..... | 568,802 | 1,016,974 | |
| Steam-engines, stationary..... | 54,038 | 120,272 | |
| Boilers for steam-engines, when separate from the engines..... | 70,018 | 109,703 | |
| Machinery, not otherwise specified..... | 2,696,562 | 3,649,908 | |

EXPORTS FROM THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | Twelve Months ended June 30. | |
|--|---------------------------------|----------------|
| | 1877. | 1878 |
| IRON AND STEEL, AND MANUFACTURES OF (Continued): | VALUES. | VALUES. |
| Nails and spikes..... | \$319,584 | \$287,767 |
| All other manufactures of iron..... | 8,361,767 | 8,998,292 |
| Steel, and manufactures of: | | |
| Ingots, bars, sheets, and wire..... | 15,661 | 15,832 |
| Cutlery..... | 38,714 | 54,812 |
| Edge-tools..... | 721,012 | 911,093 |
| Files and saws..... | 36,309 | 39,782 |
| Muskets, pistols, rifles, and sporting guns..... | 5,259,812 | 2,098,501 |
| Manufactures of steel, not specified..... | 806,981 | 865,497 |
| Junk (old) and oakum..... | 37,413 | 40,931 |
| Lamps..... | 243,378 | 245,377 |
| Lead, and manufactures of..... | 49,835 | 314,899 |
| LEATHER, AND MANUFACTURES OF: | | |
| Boots and shoes..... | 414,680 | 468,433 |
| Leather of all kinds, not specified..... | 6,016,373 | 6,139,052 |
| Morocco, and other fine..... | 1,280,225 | 908,963 |
| Saddlery and harness..... | 94,085 | 127,000 |
| Manufactures of, not otherwise specified..... | 361,988 | 389,303 |
| Lime and cement..... | 97,923 | 98,334 |
| MANURES: | | |
| Guano..... | 41,530 | 3,720 |
| Substances used expressly for manures..... | 1,076,602 | 1,208,049 |
| MARBLE AND STONE: | | |
| Marble and stone, rough..... | 131,716 | 142,661 |
| Marble and stone manufactures..... | 917,987 | 597,356 |
| Matches..... | 173,812 | 143,219 |
| Mathematical, philosophical, and optical instruments..... | 48,848 | 27,929 |
| MUSICAL INSTRUMENTS: | | |
| Organs, melodeons, etc..... | 578,864 | 438,664 |
| Piano-fortes..... | 330,156 | 303,013 |
| All other..... | 12,659 | 14,795 |
| NAVAL STORES: | | |
| Rosin and turpentine..... | 2,384,378 | 2,329,319 |
| Tar and pitch..... | 160,410 | 158,084 |
| Oil-cake..... | 4,818,142 | 5,095,163 |
| OILS: | | |
| Mineral, crude..... | 3,756,721 | 2,694,018 |
| Mineral, refined or manufactured: | | |
| Naphtha, benzine, gasoline, etc..... | 1,816,682 | 1,411,813 |
| Illuminating..... | 55,401,132 | 41,513,676 |
| Lubricating, heavy paraffine, etc..... | 497,540 | 639,197 |
| Residuum..... | 317,355 | 316,271 |
| Animal: Lard..... | 281,551 | 994,440 |
| Neat's-foot and other animal..... | 19,720 | 17,447 |
| Sperm..... | 879,865 | 801,218 |
| Whale and other fish..... | 442,165 | 411,898 |
| Vegetable: Cotton-seed..... | 842,248 | 2,514,383 |
| Linseed..... | 43,435 | 27,233 |
| Volatile, or essential..... | 401,829 | 333,341 |
| ORDNANCE-STORES: | | |
| Cannon..... | 11,538 | 6,793 |
| Cannon and gun-carriages and accoutrements..... | 2,825,570 | 3,337,094 |
| Cartridges and fuses..... | 248,925 | 102,436 |
| Gunpowder..... | 2,161,866 | 1,366,529 |
| Shot and shell..... | 44,950 | 8,550 |
| Orc, argentiferous, or silver bearing..... | 186,050 | 229,075 |
| Paints and painters' colors..... | 196,518 | 281,841 |
| Paintings and engravings..... | 938,218 | 1,086,819 |
| Paper and stationery..... | 269,785 | 295,299 |
| Perfumery..... | 149,772 | 215,189 |
| Plated ware of silver or other metal..... | 159,746 | 171,063 |
| Printing-presses and type..... | | |
| PROVISIONS: | | |
| Bacon and hams..... | 49,512,412 | 51,750,303 |
| Beef { Fresh..... | 4,552,523 | 5,009,856 |
| { Salted or cured..... | 2,960,952 | 2,973,284 |

EXPORTS FROM THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | | Twelve Months ended June 30. | |
|--|----------------|---------------------------------|-------|
| | | 1877. | 1878. |
| PROVISIONS—(Continued): | VALUES. | VALUES. | |
| Butter..... | \$4,494,618 | \$3,930,840 | |
| Cheese..... | 12,700,627 | 14,108,529 | |
| Condensed milk..... | 123,801 | 128,118 | |
| Eggs..... | 8,429 | 14,880 | |
| Fish, dried or smoked..... | 791,785 | 766,136 | |
| Fish, fresh..... | 114,338 | 84,278 | |
| Fish, pickled..... | 466,738 | 416,100 | |
| Fish, other, cured..... | 2,466,225 | 3,198,896 | |
| Lard..... | 25,562,665 | 30,014,023 | |
| Meats, preserved..... | 3,939,977 | 5,099,918 | |
| Mutton, fresh..... | 36,480 | 9,273 | |
| Oysters..... | 260,630 | 393,053 | |
| Pickles and sauces..... | 45,361 | 19,476 | |
| Pork..... | 6,226,414 | 4,913,646 | |
| Onions..... | 43,081 | 44,434 | |
| Potatoes..... | 533,187 | 541,593 | |
| Other vegetables..... | 90,536 | 79,384 | |
| Vegetables, prepared or preserved..... | 25,982 | 59,135 | |
| Quicksilver..... | 1,767,266 | 1,280,008 | |
| RAGS: | | | |
| Cotton and linen..... | 5,719 | 12,825 | |
| Woollen..... | 1,140 | | |
| Rice..... | 78,112 | 32,866 | |
| Salt..... | 20,133 | 24,968 | |
| Scales and balances..... | 159,231 | 215,656 | |
| SEEDS: | | | |
| Cotton..... | 130,062 | 179,602 | |
| Flaxseed or linseed..... | 8 | 437 | |
| Clover, timothy, garden, and all other..... | 3,403,685 | 2,085,887 | |
| Sewing-machines, and parts of..... | 1,652,487 | 1,661,715 | |
| SOAP: | | | |
| Perfumed, and all toilet..... | 11,549 | 86,272 | |
| Other..... | 687,408 | 621,813 | |
| Spermaceti..... | 41,037 | 58,302 | |
| SPIRITS, DISTILLED: | | | |
| From grain..... | 489,174 | 864,162 | |
| From molasses..... | 285,979 | 272,457 | |
| From other materials..... | 5,311 | 12,633 | |
| Spirits of turpentine..... | 2,274,639 | 2,383,569 | |
| Starch..... | 454,282 | 613,621 | |
| Steam and other fire-engines and apparatus..... | 61,535 | 85,862 | |
| SUGAR and MOLASSES: | | | |
| Sugar, brown..... | 6,618 | 4,146 | |
| Sugar, refined..... | 4,586,696 | 4,506,115 | |
| Molasses..... | 594,547 | 365,747 | |
| Candy and confectionery..... | 37,636 | 41,687 | |
| Tallow..... | 7,893,616 | 6,695,377 | |
| Tin, and manufactures of..... | 87,057 | 116,274 | |
| TOBACCO, AND MANUFACTURES OF: | | | |
| Leaf..... | 28,825,521 | 24,803,165 | |
| Cigars..... | 33,161 | 46,170 | |
| Snuff..... | 1,968 | 7,825 | |
| Other manufactures..... | 3,154,564 | 3,627,022 | |
| Trunks and valises..... | 131,083 | 140,477 | |
| Umbrellas, parasols, and sun-shades..... | 2,492 | 5,187 | |
| Varnish..... | 61,178 | 93,052 | |
| VESSELS SOLD TO FOREIGNERS: | | | |
| Steamers..... | 9,000 | 147,800 | |
| Sailing-vessels..... | 183,802 | 241,681 | |
| Vinegar..... | 5,858 | 4,120 | |
| Watches and parts of..... | 77,857 | 140,794 | |
| Wax..... | 84,481 | 96,574 | |
| Wearing-apparel..... | 509,028 | 569,762 | |
| Whalebone..... | 160,666 | 264,960 | |
| Wine..... | 40,632 | 38,728 | |

EXPORTS FROM THE UNITED STATES—(Continued).

| From the Official Report of the Bureau of Statistics. Corrected to August 14, 1878. | | Twelve Months ended June 30. | |
|--|----------------------|---------------------------------|-------|
| | | 1877. | 1878. |
| | VALUES. | VALUES. | |
| WOOD, AND MANUFACTURES OF: | | | |
| Boards, clapboards, deals, planks, joists, and scantling | \$5,494,922 | \$4,531,741 | |
| Laths, palings, pickets, curtain-sticks, broom-handles, and bed-slats | 16,800 | 9,233 | |
| Shingles | 125,632 | 151,533 | |
| Box-shooks | 305,301 | 145,232 | |
| Other shooks, staves, and headings | 2,948,739 | 2,775,574 | |
| Hogsheads and barrels, empty | 255,911 | 159,420 | |
| All other lumber | 846,410 | 520,454 | |
| Fire-wood | 9,518 | 9,469 | |
| Hop, hoop, telegraph, and other poles | 413,231 | 377,137 | |
| Logs, masts, spars, and other whole timber | 499,822 | 352,104 | |
| Timber, sawed and hewed | 3,124,412 | 2,662,784 | |
| All other timber | 60,050 | 114,307 | |
| Household furniture | 1,700,412 | 1,961,522 | |
| Wooden ware | 298,589 | 287,861 | |
| All other manufactures of wood | 1,373,069 | 1,714,410 | |
| WOOL, AND MANUFACTURES OF: | | | |
| Wool, raw and fleece | 26,446 | 93,358 | |
| Carpets | 16,377 | 10,490 | |
| Other manufactures of | 273,460 | 427,534 | |
| ZINC, AND MANUFACTURES OF: | | | |
| Ore or oxide | 34,468 | 63,881 | |
| Plates, sheets, pigs, or bars | 115,122 | 216,560 | |
| ALL ARTICLES NOT ENUMERATED: | | | |
| All other unmanufactured articles | 792,297 | 854,231 | |
| All other manufactured articles | 2,152,624 | 2,257,504 | |
| Total Domestic Exports | \$676,115,816 | \$722,779,499 | |
| Total value of merchandise 1877. 1878. | | | |
| (mixed values) | \$632,990,030 | \$693,721,514 | |
| Total value of coin and bullion | 43,135,788 | 27,054,985 | |
| | \$676,115,816 | \$722,779,499 | |
| Gold value of merchandise | \$569,669,490 | \$669,683,796 | |
| Shipped in American vessels | 156,081,514 | 159,733,187 | |
| Shipped in foreign vessels | 515,104,308 | 537,748,544 | |
| Shipped in cars and other land vehicles | 4,980,096 | 5,295,768 | |
| | \$676,115,816 | \$722,779,499 | |
| II.—EXPORTS FROM THE UNITED STATES OF FOREIGN PRODUCTIONS, LAST TWO YEARS. | | | |
| Total value of merchandise | \$12,804,996 | \$14,154,698 | |
| Total value of coin and bullion | 12,027,499 | 6,678,240 | |
| Total foreign exports | \$25,832,495 | \$30,832,938 | |
| Add total domestic exports | 676,115,816 | 722,779,499 | |
| Gross exports | \$701,948,313 | \$743,612,437 | |
| Total value of merchandise 1877. 1878. | | | |
| | \$645,785,076 | \$709,879,319 | |
| Total value of coin and bullion | 56,163,237 | 33,733,225 | |
| Gross exports | \$701,948,313 | \$743,612,437 | |

PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF DUTY THEREON.*

Table showing Quantities, Values, Total Duties, Rates of Duty and Average Duty, ad valorem, on all imported Commodities paying \$100,000 or upwards into the Treasury, in the year 1878.

[Compiled from the Official Report on Commerce and Navigation of the U. S. for 1878.]

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, ad valorem, per cent. |
|--|-------------|---------------------|---|---------------------|-------------------------------------|
| Ale, porter, and beer: In bottles.....gallons | 491,606 | Dollars. 499,607 | 35 c. per gall. | Dollars. 173,153 | 34.44 |
| Aniline dyes or colors...lbs. | 228,424 | 479,373 | { 50 c. per lb. } { and 35 p. c. } | 232,131 | 58.83 |
| Animals, living: Cattle, hogs, horses, sheep, etc. No. | 419,346 | 2,553,831 | 20 per cent. | 510,984 | 20.00 |
| Barley..... bushels | 5,806,191 | 3,493,557 | 15 c. per bush. | 870,939 | 24.94 |
| Books and other printed matter..... | | 1,497,898 | 25 per cent. | 374,480 | 25.00 |
| Braids of straw..... | | 891,251 | 30 per cent. | 269,634 | 30.00 |
| Brushes..... | | 293,413 | 40 per cent. | 118,165 | 40.00 |
| Buttons..... | | 1,836,121 | 30 per cent. | 850,855 | 30.00 |
| Cheese..... lbs. | | | 4 c. per lb. | 87,880 | 23.12 |
| China, porcelain, and Parian ware, plain, white, and not decorated in any manner..... | | 239,123 | 45 per cent. | 120,193 | 45.00 |
| " Gilded, ornamented, or decorated in any manner.. | | 637,465 | 50 per cent. | 329,348 | 50.00 |
| " Other earthen, stone, or crockery ware, white, glazed, edged, printed, painted, or dipped, or cream colored..... | 572,846 | 3,031,393 | 40 per cent. | 1,212,748 | 40.00 |
| Coal, bitum. and shale, tons | | 1,929,660 | 75 c. per ton. | 429,634 | 22.26 |
| Cotton, manufactures of: Plain bleached, value 20 cents or less per square yard.....square yards | 7,459,608 | 905,849 | 5½ c. per yard. | 412,072 | 45.47 |
| " Printed or colored, value 25 cents or less per square yard.....square yards | 5,528,108 | 808,874 | { 5½ c. per sq. } { yd. & 20 p. c. } | 464,872 | 57.82 |
| " " Value over 25 cents per square yard.....square yards | 1,422,441 | 884,045 | 35 per cent. | 134,433 | 35.00 |
| " Hosiery..... | | 4,770,103 | 35 per cent. | 1,669,586 | 35.00 |
| " Laces, cords, braids, gimps, galloons, and cotton laces, colored and insertings..... | | 2,482,908 | 35 per cent. | 869,223 | 35.00 |

* For greater condensation, fractions are omitted, and the figures are therefore approximate, except as to rates and percentages of duty, which are the figures of the Bureau of Statistics.

**PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF
DUTY THEREON, 1878—Continued.**

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, ad valorem, per cent. |
|---|-------------|-----------|---------------------------------------|---------------|-------------------------------------|
| Cotton, thread-yarn, warps, or warp-yarn not wound on spools, valued at over 60 and not exceeding 80 cents per pound.....lbs. | 561,862 | 390,025 | { 30 c. per lb. } { and 20 p. c. } | 246,564 | 63.23 |
| Cotton, valued at over 80 cts. per pound.....lbs. | 1,007,517 | 1,196,020 | { 40 c. per lb. } { and 20 p. c. } | 642,331 | 53.68 |
| " Velvet, velveteens, velvet bindings, ribbons, and vestings..... | | 730,278 | 35 per cent. | 255,507 | 35.00 |
| Cotton manufactures not otherwise specified..... | | 3,794,111 | 35 per cent. | 1,328,531 | 35.00 |
| Currants, Zante or other..lbs. | 17,941,352 | 776,827 | 1 c. per lb. | 179,414 | 23.09 |
| Diamonds (cut), cameos, mosaics, gems, pearls, rubies, and other precious stones, not set..... | | 2,970,469 | 10 per cent. | 297,047 | 10.00 |
| Dolls..... | | 375,610 | 35 per cent. | 131,453 | 35.00 |
| Embroideries, of cotton or wool..... | | 2,542,822 | 35 per cent. | 890,023 | 35.00 |
| Fans..... | | 360,912 | 25 per cent. | 126,319 | 35.00 |
| Feathers, ostrich, cock, and other ornamental..... | | 919,632 | 25 per cent. | 229,918 | 25.00 |
| Feathers and flowers, artificial and ornamental, not otherwise provided for.... | | 842,587 | 50 per cent. | 421,293 | 50.00 |
| Fire-crackers, in boxes of 40 packs, not exceeding 80 to the pack.....boxes | 125,025 | 101,913 | \$1 per box. | 125,060 | 122.68 |
| Flax: Linens, valued at 30 cents or less per square yd..... | | 8,057,839 | 35 per cent. | 2,820,615 | 35.00 |
| " valued at above 30 cents per square yard..... | | 1,691,651 | 40 per cent. | 676,787 | 40.00 |
| " Burlaps, and like manufactures of flax, jute, or hemp, of which either shall be the component of chief value (except bagging for cotton)..... | | 2,467,685 | 30 per cent. | 740,365 | 30.00 |
| " Duck, canvas, paddings, cot-bottoms, diapers, crash, huckabacks, handkerchiefs (not hemmed), lawns, or other manufactures of flax, jute, or hemp, valued at 30 cents or less per square yard..... | | 670,355 | 35 per cent. | 234,705 | 35.00 |
| " valued at above 30 cents per square yard..... | | 317,847 | 40 per cent. | 127,139 | 40.00 |
| " Thread, twine, and pack-thread..... | | 627,733 | 40 per cent. | 251,093 | 40.00 |
| " All other manufactures of flax not otherwise provided for..... | | 550,379 | 40 per cent. | 220,161 | 40.00 |
| Fruits and nuts: Almonds, not shelled.....lbs. | 2,069,134 | 219,578 | 6 c. per lb. | 125,348 | 57.08 |
| " Filberts and walnuts..lbs. | 4,834,452 | 268,928 | 3 c. per lb. | 145,094 | 58.93 |
| " Prunes.....lbs. | 17,654,657 | 1,172,177 | 1 c. per lb. | 176,547 | 15.05 |
| " Raisins.....lbs. | 32,931,736 | 1,904,896 | 2½ c. per lb. | 832,318 | 43.22 |
| Furs, and manufactures of..... | | 2,059,729 | 30 per cent. | 617,911 | 30.00 |

PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF DUTY THEREON, 1878—Continued.

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, <i>ad valorem</i> , per cent. |
|--|-------------|-----------|-------------------|---------------|---|
| Glass-ware: Porcelain, Bohemian, cut, engraved, painted, colored, printed, stained, silvered, or gilded, not including plate-glass, silvered, or looking-glass plates..... | | 458,448 | 40 per cent. | 183,537 | 40.00 |
| "Plate-glass, cast, polished not silvered, above 24 by 60 in.....sq. ft. | 756,779 | 658,560 | 50 c. per sq. ft. | 278,390 | 57.49 |
| "Window-glass, cylinder, crown, or common, unpolished, above 10 by 15 and not above 16 by 24 lbs. | 5,862,216 | 175,735 | 2 c. per lb. | 117,853 | 67.05 |
| "Above 16 by 24 and not above 24 by 30..... lbs. | 6,562,511 | 225,818 | 2½ c. per lb. | 104,063 | 72.65 |
| "Above 24 by 30 in..... lbs. | 6,223,651 | 273,842 | 3 c. per lb. | 186,936 | 68.18 |
| "Manufactures of, not otherwise specified..... | | 539,126 | 40 per cent. | 215,806 | 40.00 |
| Hats, bonnets, and hoods, straw..... | | 730,674 | 40 per cent. | 295,024 | 40.00 |
| Hemp, jute, and other fibre: Bags, cotton-bags, and bagging (except bagging for cotton)..... | | 1,004,832 | 40 per cent. | 403,480 | 40.00 |
| "Sisal grass, etc., for cordage, cwt..... | 157,765 | 764,139 | \$15 per ton. | 118,324 | 15.48 |
| "Jute butts..... cwt. | 498,276 | 1,000,011 | \$6 per ton. | 147,983 | 13.45 |
| "Manilla, India, and other like substitutes for hemp..... cwt. | 222,072 | 1,827,996 | \$25 per ton. | 403,048 | 22.02 |
| India Rubber, manufactures of: Braces, webbing, etc..... | | | 35 per cent. | ..... | 35.00 |
| Iron and steel, manufactures of: Bar iron, ¾ @ 2 in. thick..... lbs. | 44,908,918 | 988,629 | 1 c. per lb. | 449,089 | 45.48 |
| "Pig iron..... tons | 1,122,144 | 1,281,430 | \$7 per ton. | 392,999 | 30.65 |
| "Rolled..... lbs. | 8,712,618 | 226,791 | 1½ c. per lb. | 106,908 | 48.02 |
| "Manufactures of iron not otherwise provided for..... | | 1,095,867 | 25 per cent. | 363,430 | 25.00 |
| "Steel, and manufactures of: Pen-knives, jack-knives, and pocket-knives..... | | 797,530 | 50 per cent. | 398,791 | 50.00 |
| "All other cutlery, including sword-blades..... | | 354,906 | 25 per cent. | 123,914 | 35.00 |
| "In ingots, bars, coils, sheets, and steel-wire, not less than ¼ inch diameter, valued at 7 cents per pound or less..... lbs. | 6,278,292 | 320,731 | 2½ c. per lb. | 141,292 | 42.84 |
| "Valued at above 7 cents and not over 11 cents per pound..... lbs. | 4,099,342 | 473,845 | 3 c. per lb. | 140,995 | 29.75 |
| "Muskets, rifles, and other firearms..... | | 342,109 | 35 per cent. | 119,782 | 35.00 |
| "Manufactures of steel not otherwise provided for..... | | 662,804 | 45 per cent. | 298,312 | 45.00 |
| Jewelry of gold, silver, or other metal, or imitations of..... | | | 25 per cent. | ..... | 25.00 |

**PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF
DUTY THEREON, 1878—Continued.**

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, <i>ad valorem</i> , per cent. |
|---|-------------|------------|---|---------------|---|
| Lead, and manufactures of: Pigs and bars, and molten.....lbs. | 6,717,052 | 294,233 | 2 c. per lb. | 134,341 | 45.68 |
| Leather, and manufactures of: Calf-skins, tanned, or tanned and dressed..... | | 1,839,460 | 25 per cent. | 459,970 | 25.00 |
| "Gloves, of kid or leather, of all descriptions..... | | 3,179,763 | 50 per cent. | 1,589,884 | 50.00 |
| "Upper leather of all kinds, and skins, dressed and finished, of all kinds, not otherwise provided for.... | | 1,554,378 | 20 per cent. | 310,930 | 20.00 |
| "Manufactures of, and articles of leather, or of which leather shall be a component part, not otherwise provided for..... | | 335,484 | 35 per cent. | 116,727 | 35.00 |
| Lemons and oranges..... | | £,841,138 | 20 per cent. | 768,258 | 20.00 |
| Marble, and manufactures of: Veined and all other, in block, roughed or squared, not otherwise specified..... cub. ft. | 357,725 | 376,086 | { 50 c. per cu. } { ft. & 20 p. c. } | 254,893 | 67.45 |
| Mats of cocoa-nut, china, and all other floor-matting, of flags, jute, or grass..... | | 423,003 | 30 per cent. | 126,602 | 30.00 |
| Metal, manufactures of, not otherwise provided for..... | | 478,907 | 35 per cent. | 167,667 | 35.00 |
| Musical instruments..... | | 533,010 | 30 per cent. | 159,868 | 30.00 |
| Oils, olive, salad, in bottles or flasks.....gallons | 195,631 | 379,765 | \$1 per gall. | 195,694 | 51.51 |
| Opium.....lbs. | 209,874 | 712,628 | \$1 per lb. | 209,874 | 29.13 |
| Opium prepared for smoking.....lbs. | 54,805 | 617,160 | \$6 per lb. | 328,829 | 53.27 |
| Papier-maché manufactures, not otherwise provided for..... | | 1,340,332 | 35 per cent. | 469,163 | 35.00 |
| Rice, cleaned.....lbs. | 41,179,975 | 1,104,710 | 2½ c. per lb. | 1,037,647 | 93.23 |
| Salt, in bags, sacks, barrels, or other packages.....lbs. | 352,109,963 | 1,062,995 | 12 c. per 100 lbs. | 422,516 | 39.75 |
| "in bulk.....lbs. | 414,818,516 | 483,908 | 8 c. per 100 lbs. | 312,022 | 69.00 |
| Sardines and anchovies, packed in oil or otherwise.....quarter boxes | 7,075,982 | 631,736 | 4 c. per box. | 287,039 | 45.44 |
| Seeds: Flaxseed or linseed (56 lbs. to the bushel)...bushels | 1,234,862 | 1,880,197 | 20 c. per bush | 256,972 | 13.63 |
| Silk: Braids, laces, fringes, galloons, buttons, and ornaments, dress and piece goods..... | | 13,500,262 | 60 per cent. | 8,295,965 | 60.00 |
| "Velvets..... | | 1,303,786 | 60 per cent. | 782,338 | 60.00 |
| "Ready-made clothing..... | | 243,711 | 60 per cent. | 146,227 | 60.00 |
| "Ribbons..... | | 1,600,458 | 60 per cent. | 934,275 | 60.00 |
| "Ribbons (edge of cotton)..... | | 201,753 | 50 per cent. | 100,879 | 50.00 |
| "Silk manufactures not otherwise provided for, made of silk, or of which silk is the component or chief value..... | | 1,925,787 | 60 per cent. | 1,155,898 | 60.00 |

PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF DUTY THEREON, 1878—*Continued.*

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, <i>ad valorem</i> , per cent. |
|--|-------------|------------|--|---------------|---|
| Silk: manufactures of, which have as a component thereof 25 per centum, or over, in value of cotton, flax, wool, or worsted..... | 35,178,762 | 1,313,496 | 50 per cent. | 656,718 | 50.00 |
| Soda caustic.....lbs. | 208,423,700 | 1,015,554 | 1½ c. per lb. | 497,681 | 49.01 |
| Soda ash.....lbs. | | 3,128,772 | ¼ c. per lb. | 531,069 | 16.65 |
| Spices: Cassia, and Cassia Vera.....lbs. | 1,134,769 | 138,552 | 10 c. per lb. | 115,651 | 81.90 |
| " Nutmegs.....lbs. | 848,282 | 459,445 | 20 c. per lb. | 171,802 | 36.93 |
| " Pepper: black and white, grain.....lbs. | 7,507,049 | 609,956 | 5 c. per lb. | 376,205 | 61.53 |
| Spirits and wines: Brandy, proof.....gallons | 506,076 | 1,021,032 | \$2 per gall. | 1,020,495 | 99.18 |
| " Cordials, liqueurs, arrack, absinthe, kirschwasser, ratafia.....gallons | 73,358 | 163,402 | \$2 per gall. | 147,085 | 141.88 |
| " Spirits, other, manufactured or distilled from grain.....gallons | 436,288 | 251,892 | \$2 per gall. | 873,956 | 346.49 |
| " Spirits, other (except brandy), manufactured or distilled from other materials.....gallons | 204,303 | 125,909 | \$2 per gall. | 409,026 | 324.52 |
| " Cologne-water and other perfumery, of which alcohol forms the principal ingredient.....gallons | 9,557 | 157,076 | { \$3 per gall. and 50 p. c. 5 c. plus 25 per cent per lb. } | 107,315 | 68.25 |
| Sugar and molasses: Molasses.....gallons | 26,855,764 | 6,860,316 | { 1½ c. plus 25 c. per lb. 1½ c. plus 25 p. c. p. lb. 2 c. plus 25 p. c. pr. lb. 2½ c. plus 25 p. c. per lb. 10 c. per lb. | 1,678,485 | 24.47 |
| " Molasses concentrated, tank-bottoms, sirup of sugar-cane, and melado.....lbs. | 36,091,376 | 1,383,482 | { 1½ c. plus 25 c. per lb. 1½ c. plus 25 p. c. p. lb. 2 c. plus 25 p. c. pr. lb. 2½ c. plus 25 p. c. per lb. 10 c. per lb. | 687,963 | 49.73 |
| Sugar: All not above No. 7, Dutch standard.....lbs. | 860,287,182 | 41,516,497 | { 1½ c. plus 25 p. c. p. lb. 2 c. plus 25 p. c. pr. lb. 2½ c. plus 25 p. c. per lb. 10 c. per lb. | 18,818,782 | 45.33 |
| " Above No. 7 and not above No. 10.....lbs. | 618,019,876 | 33,232,883 | { 1½ c. plus 25 p. c. p. lb. 2 c. plus 25 p. c. pr. lb. 2½ c. plus 25 p. c. per lb. 10 c. per lb. | 15,450,497 | 40.49 |
| " Above No. 10 and not above No. 13.....lbs. | 72,316,574 | 4,110,513 | { 1½ c. plus 25 p. c. p. lb. 2 c. plus 25 p. c. pr. lb. 2½ c. plus 25 p. c. per lb. 10 c. per lb. | 2,033,904 | 26.99 |
| Tartar, cream of.....lbs. | | | 10 c. per lb. | | 42.55 |
| Tartar, argols, other than crude.....lbs. | | | 6 c. per lb. | | 26.88 |
| Tin, plates or sheets.....lbs. | 242,647,871 | 9,878,640 | 1½ c. per lb. | 2,669,662 | 26.98 |
| Tobacco, and manufactures of: Leaf, unmanufactured and not stemmed.....lbs. | 7,458,344 | 3,909,061 | 35 c. per lb. | 2,613,449 | 66.67 |
| " Cigars, cigarettes and cheroots.....lbs. | 551,056 | 2,117,519 | { \$2.50 pr. lb. and 25 p. c. 50 per cent. 25 per cent. | 1,907,490 | 90.06 |
| Toys, wooden and other..... | | 271,467 | 50 per cent. | 135,735 | 50.00 |
| Watches, of gold or silver..... | | 717,823 | 25 per cent. | 179,331 | 25.00 |
| Wines, Champagne, and all other sparkling, in bottles, containing not more than 1 pint each and more than ½ pint.....dozen. | 98,801 | 618,439 | \$3 per dozen. | 296,578 | 47.92 |
| " containing not more than 1 quart and more than 1 pint.....dozens | 78,088 | 924,360 | \$6 per doz. | 469,377 | 50.68 |

**PRINCIPAL IMPORTS INTO THE UNITED STATES, WITH RATES OF
DUTY THEREON, 1878—Continued.**

| COMMODITIES. | Quantities. | Values. | Rate of Duty. | Total Duties. | Average Duty, <i>ad valorem</i> , per cent. |
|---|-------------|-----------|--|---------------|---|
| Wines, still, in casks...galls. | 3,638,726 | 1,874,701 | 40 c. per gall. | 1,467,735 | 77.95 |
| " in bottles, containing each not more than 1 quart and more than 1 pint.doz.bots. | 142,811 | 620,369 | \$1.60 per doz. | 229,185 | 36.99 |
| Wood: Boards, planks, deals, and other lumber.....M ft. | 263,711 | 2,569,860 | \$2 per M. ft. | 527,422 | 20.53 |
| " Manufactures of, not otherwise provided for..... | ..... | 453,547 | 35 per cent. | 177,639 | 35.00 |
| Wools, hair of the alpaca, goat, etc.: Raw and manufactured, Class No. 1, clothing wool, value 32 cents or less per lb...lbs. | 9,387,544 | 2,214,233 | { 10 c. per lb. } { and 11 p.c., } { less 10 p. c. } | 1,177,557 | 53.17 |
| " Class No. 2, value not over 32 cents per pound.lbs. | 2,077,282 | 633,464 | { 10 c. per lb. } { and 11 p. c. } | 277,477 | 43.79 |
| " Class No. 3, carpet and other similar wools, valued at 12 cents or less per pound.....lbs. | 951,487 | 336,219 | { 12 c. per lb. } { and 10 p. c. } | 147,300 | 43.93 |
| " Value over 12 cents per pound.....lbs. | 19,855,282 | 2,233,597 | 8 c. per lb. | 595,756 | 26.03 |
| " Dress goods, women and children's, and real or imitation Italian cloths, valued at not exceeding 20 cents per sq. yd...sq. yds. | 7,000,296 | 1,261,042 | 6 c. per lb. | 420,049 | 30.96 |
| " Valued at above 20 cents per square yard...sq. yds. | 22,138,465 | 3,745,160 | { 6 c. per sq. } { yd. & 35 p.c. } | 2,639,129 | 70.46 |
| " Dress goods, women and children's, and real or imitation Italian cloths, weighing 4 ounces and over per square yard...lbs. | 28,162,129 | 8,738,461 | { 8 c. per sq. } { yd. & 40 p.c. } | 5,744,963 | 65.81 |
| " Hosiery, valued at above 80 cents per pound.....lbs. | 1,014,341 | 1,690,509 | { 50 c. per lb. } { and 35 p. c. } | 1,098,859 | 65.00 |
| " Manufactures not otherwise specified, valued at above 80 cents per lb...lbs. | 178,840 | 464,508 | { 50 c. per lb. } { and 35 p. c. } | 262,029 | 54.23 |
| Wool and worsted, Cloths.lbs. | 604,300 | 882,958 | { 50 c. per lb. } { and 35 p. c. } | 611,428 | 69.22 |
| Wool Clothing—articles of wear.....lbs. | 4,005,575 | 5,657,394 | { 50 c. per lb. } { and 35 p. c. } | 3,983,590 | 70.00 |
| Wool, manufactures wholly or in part of, not otherwise provided for.....lbs. | 165,936 | 576,439 | { 50 c. per lb. } { and 40 p. c. } | 313,556 | 54.39 |
| " Shawls, woollen.....lbs. | 128,723 | 200,304 | { 50 c. per lb. } { and 35 p. c. } | 137,713 | 65.76 |
| " Worsteds, etc., not otherwise provided for..... | 86,587 | 198,155 | { 50 c. per lb. } { and 35 p. c. } | 113,738 | 55.35 |
| " Webbing, beltings, bindings, braids, galloons, fringes, cords, buttons, etc.....lbs. | 380,268 | 1,102,873 | { 50 c. per lb. } { and 40 p. c. } | 655,065 | 57.34 |
| " Yarns, valued at above 80 cents per pound...lbs. | 332,206 | 805,893 | { 50 c. per lb. } { and 50 p. c. } | 509,965 | 79.67 |
| | 453,226 | 543,163 | { 50 c. per lb. } { and 50 p. c. } | 419,229 | 77.13 |

Average duty on all dutiable commodities... 42.75

FOREIGN CARRYING TRADE OF THE UNITED STATES.

[From the Report on Commerce and Navigation of the United States for 1877, etc.]

STATEMENT showing the value of the Imports and Exports of the United States carried respectively in UNITED STATES VESSELS, and in FOREIGN VESSELS, during fifty-eight years ended June 30, 1878, with the percentage carried in vessels of the United States.

| Fiscal year. | IMPORTS. | | EXPORTS. | | Total imports and exports carried in American vessels. | Total imports and exports carried in foreign vessels. | Percentage carried in American vessels. |
|--------------|-------------------|------------------|-------------------|------------------|--|---|---|
| | American vessels. | Foreign vessels. | American vessels. | Foreign vessels. | | | |
| | \$ | \$ | \$ | \$ | \$ | \$ | |
| 1821. | 58,025,890 | 4,559,825 | 55,175,572 | 9,798,410 | 113,201,462 | 14,358,235 | 88.7 |
| 1822. | 76,984,331 | 6,257,210 | 60,715,568 | 11,444,713 | 137,699,899 | 17,701,923 | 88.4 |
| 1823. | 71,511,541 | 6,067,726 | 65,315,666 | 9,383,464 | 136,827,207 | 15,451,190 | 89.9 |
| 1824. | 75,265,053 | 5,283,954 | 67,411,706 | 8,574,951 | 142,676,759 | 18,858,905 | 91.2 |
| 1825. | 91,902,512 | 4,437,563 | 88,799,749 | 10,735,639 | 180,702,261 | 15,173,202 | 92.3 |
| 1826. | 80,778,120 | 4,196,357 | 69,553,516 | 8,041,806 | 150,331,636 | 12,238,163 | 92.5 |
| 1827. | 74,965,496 | 4,518,572 | 72,090,544 | 10,232,283 | 147,056,040 | 14,750,855 | 90.9 |
| 1828. | 81,951,319 | 6,558,505 | 61,108,374 | 11,156,312 | 143,059,693 | 17,714,817 | 88.9 |
| 1829. | 69,325,552 | 5,166,975 | 62,089,441 | 10,269,230 | 131,414,993 | 15,436,205 | 89.5 |
| 1830. | 66,035,739 | 4,481,181 | 63,882,719 | 9,966,789 | 129,918,458 | 14,447,970 | 89.9 |
| 1831. | 93,962,110 | 9,229,014 | 65,546,181 | 15,764,402 | 159,508,291 | 24,993,416 | 86.5 |
| 1832. | 90,298,229 | 10,731,037 | 66,140,760 | 21,036,183 | 156,438,989 | 31,767,220 | 83.1 |
| 1833. | 98,060,772 | 10,057,539 | 68,058,231 | 22,082,202 | 166,119,003 | 32,139,741 | 83.8 |
| 1834. | 113,700,174 | 12,821,118 | 77,693,461 | 26,643,512 | 191,393,635 | 39,464,670 | 83.0 |
| 1835. | 135,288,865 | 14,606,877 | 94,135,191 | 27,558,386 | 220,424,056 | 42,165,263 | 84.5 |
| 1836. | 171,056,442 | 18,323,593 | 97,132,457 | 31,530,583 | 268,188,899 | 49,854,176 | 84.3 |
| 1837. | 122,177,193 | 18,812,024 | 91,207,563 | 26,211,813 | 213,384,756 | 45,023,837 | 82.6 |
| 1838. | 103,087,448 | 10,629,956 | 89,819,799 | 18,666,817 | 192,907,247 | 29,296,773 | 84.2 |
| 1839. | 143,874,252 | 12,627,880 | 94,787,948 | 26,240,468 | 238,662,200 | 44,458,348 | 84.3 |
| 1840. | 92,802,352 | 14,339,167 | 105,622,257 | 26,463,689 | 198,424,609 | 40,802,856 | 82.9 |
| 1841. | 113,221,877 | 14,724,300 | 94,808,638 | 24,043,165 | 208,030,515 | 41,767,465 | 83.3 |
| 1842. | 88,724,280 | 11,437,807 | 79,893,023 | 24,798,511 | 168,617,303 | 36,236,318 | 82.3 |
| 1843. | 49,971,875 | 14,781,924 | 65,053,636 | 19,292,844 | 115,025,511 | 34,074,768 | 77.1 |
| 1844. | 94,174,673 | 14,260,362 | 78,450,529 | 32,749,517 | 172,625,202 | 47,009,879 | 78.6 |
| 1845. | 102,438,481 | 14,816,083 | 86,942,442 | 27,704,164 | 189,380,923 | 42,520,247 | 81.7 |
| 1846. | 106,008,173 | 15,683,624 | 86,550,175 | 26,938,341 | 192,558,348 | 42,621,965 | 81.7 |
| 1847. | 113,141,357 | 33,404,281 | 100,204,804 | 53,868,210 | 213,346,161 | 87,272,491 | 70.9 |
| 1848. | 128,647,232 | 26,351,696 | 109,657,931 | 44,374,200 | 238,305,163 | 70,725,496 | 77.4 |
| 1849. | 120,382,152 | 27,475,287 | 100,533,123 | 45,222,697 | 220,915,275 | 72,697,984 | 75.2 |
| 1850. | 139,657,043 | 38,481,275 | 99,615,041 | 52,283,679 | 239,272,084 | 90,764,954 | 72.5 |
| 1851. | 163,650,543 | 52,574,289 | 152,456,689 | 65,631,322 | 316,107,232 | 118,505,711 | 72.7 |
| 1852. | 155,238,467 | 53,083,888 | 139,476,937 | 70,181,429 | 294,735,404 | 123,219,817 | 70.5 |
| 1853. | 191,688,325 | 76,290,322 | 155,028,802 | 75,947,355 | 346,717,127 | 152,237,677 | 69.5 |
| 1854. | 215,376,273 | 86,117,821 | 191,322,266 | 84,474,054 | 406,698,539 | 170,591,875 | 70.5 |
| 1855. | 202,234,900 | 59,233,620 | 203,250,562 | 71,906,284 | 405,485,462 | 131,139,904 | 75.6 |
| 1856. | 249,972,512 | 64,667,480 | 232,295,762 | 94,669,146 | 482,268,274 | 159,326,576 | 75.2 |
| 1857. | 259,116,170 | 101,773,971 | 251,214,857 | 111,745,825 | 510,331,027 | 213,519,796 | 70.5 |
| 1858. | 203,700,016 | 78,913,134 | 243,491,288 | 81,153,133 | 447,191,304 | 160,066,267 | 73.7 |
| 1859. | 216,123,428 | 122,644,702 | 249,617,953 | 107,171,509 | 465,741,381 | 229,816,211 | 66.9 |
| 1860. | 228,164,855 | 134,001,399 | 279,082,902 | 121,039,394 | 507,247,757 | 255,040,798 | 66.5 |
| 1861. | 201,544,055 | 134,106,098 | 179,972,733 | 69,372,180 | 381,516,788 | 208,478,278 | 65.2 |
| 1862. | 92,274,100 | 113,497,629 | 125,421,318 | 104,517,667 | 217,695,418 | 218,015,296 | 50.0 |
| 1863. | 109,744,580 | 143,175,340 | 132,127,891 | 199,880,691 | 241,872,471 | 243,056,031 | 41.4 |
| 1864. | 81,212,077 | 248,350,818 | 102,849,409 | 237,442,730 | 184,061,486 | 485,793,548 | 27.5 |
| 1865. | 74,385,116 | 174,170,536 | 93,017,756 | 262,839,588 | 167,402,872 | 437,010,124 | 27.7 |
| 1866. | 112,040,395 | 333,471,763 | 213,671,466 | 351,754,928 | 325,711,861 | 685,216,691 | 32.3 |
| 1867. | 117,209,536 | 300,622,035 | 179,788,851 | 279,399,969 | 296,998,387 | 500,622,004 | 33.9 |
| 1868. | 122,965,225 | 248,659,583 | 175,016,848 | 301,886,491 | 297,981,573 | 550,546,074 | 35.1 |
| 1869. | 136,802,024 | 300,512,231 | 153,154,743 | 285,979,781 | 289,956,772 | 586,492,012 | 33.1 |
| 1870. | 153,237,283 | 309,140,304 | 199,732,324 | 329,786,978 | 352,969,607 | 688,927,282 | 35.6 |
| 1871. | 163,285,710 | 363,020,644 | 190,378,462 | 392,801,932 | 353,664,172 | 755,822,576 | 31.8 |
| 1872. | 177,286,302 | 445,416,783 | 168,044,799 | 393,929,579 | 345,331,101 | 839,346,362 | 29.1 |
| 1873. | 174,739,839 | 471,806,765 | 171,566,758 | 494,915,886 | 346,306,597 | 966,722,651 | 26.4 |
| 1874. | 176,027,778 | 405,320,135 | 174,424,216 | 533,885,971 | 350,451,994 | 939,206,106 | 27.2 |
| 1875. | 157,872,726 | 382,949,568 | 156,385,066 | 501,898,949 | 314,257,792 | 884,788,517 | 26.2 |
| 1876. | 143,389,704 | 321,130,500 | 167,686,467 | 492,215,487 | 311,076,171 | 813,245,987 | 27.7 |
| 1877. | 151,834,067 | 329,565,833 | 164,826,214 | 530,354,703 | 316,660,281 | 859,920,536 | 26.9 |
| 1878. | 146,499,282 | 307,407,865 | 166,512,291 | 569,588,781 | 313,011,573 | 876,990,346 | 26.3 |

U. S. IMPORTS OF LEADING ARTICLES—1821-1878.

[Compiled from the Annual Reports on the Commerce and Navigation of the U. S.]

| FISCAL YEARS. | Woolens. | Cottons. | Hemp and mfs. | Iron and steel mfs. | Linens and flax mfs. | Silks. |
|---------------|------------|------------|---------------|---------------------|----------------------|------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1821... | 7,437,737 | 7,589,711 | 1,738,806 | 1,868,529 | 2,564,159 | 4,486,924 |
| 1822... | 12,185,904 | 10,246,907 | 3,059,413 | 3,155,575 | 4,132,747 | 6,840,923 |
| 1823... | 8,268,038 | 8,554,877 | 2,293,757 | 2,967,121 | 3,803,007 | 6,718,444 |
| 1824... | 8,386,597 | 8,895,757 | 2,370,234 | 2,831,702 | 3,873,616 | 7,205,317 |
| 1825... | 11,392,264 | 12,509,516 | 2,619,210 | 3,706,416 | 3,887,787 | 10,299,743 |
| 1826... | 8,431,974 | 8,348,034 | 2,699,084 | 3,186,485 | 2,987,026 | 8,327,909 |
| 1827... | 8,742,701 | 9,316,153 | 2,581,821 | 3,973,587 | 2,656,786 | 6,712,015 |
| 1828... | 8,679,505 | 10,996,270 | 3,273,759 | 4,180,915 | 3,239,539 | 7,686,640 |
| 1829... | 6,881,489 | 8,362,017 | 2,230,724 | 3,430,908 | 2,842,431 | 7,192,698 |
| 1830... | 5,766,396 | 7,562,326 | 1,613,221 | 3,655,848 | 3,011,280 | 5,932,242 |
| 1831... | 12,627,229 | 16,090,224 | 1,812,721 | 4,827,833 | 3,790,111 | 11,117,646 |
| 1832... | 9,992,424 | 10,399,653 | 2,627,871 | 5,306,245 | 4,073,164 | 9,248,907 |
| 1833... | 13,262,500 | 7,660,449 | 2,660,089 | 4,135,437 | 3,132,557 | 9,498,366 |
| 1834... | 11,879,328 | 10,145,181 | 2,349,302 | 4,746,621 | 5,485,389 | 10,998,964 |
| 1835... | 17,834,424 | 15,367,585 | 3,172,188 | 5,351,616 | 6,472,021 | 16,677,547 |
| 1836... | 21,080,003 | 17,876,087 | 4,270,000 | 7,880,869 | 9,307,493 | 22,980,212 |
| 1837... | 8,500,292 | 11,150,841 | 2,481,706 | 6,526,693 | 5,544,761 | 14,352,823 |
| 1838... | 11,512,920 | 6,599,330 | 2,189,322 | 3,613,286 | 3,972,098 | 9,871,248 |
| 1839... | 18,575,945 | 14,908,181 | 2,813,715 | 6,507,510 | 7,703,065 | 21,742,369 |
| 1840... | 9,071,184 | 6,504,484 | 2,374,270 | 3,184,900 | 4,614,466 | 9,835,757 |
| 1841... | 11,001,939 | 11,757,036 | 3,309,351 | 4,255,960 | 6,846,807 | 15,554,897 |
| 1842... | 8,375,725 | 9,578,515 | 1,627,422 | 3,572,081 | 6,359,184 | 9,457,417 |
| 1843... | 2,472,154 | 2,958,796 | 788,780 | 1,012,086 | 1,484,921 | 2,704,013 |
| 1844... | 9,408,279 | 13,236,830 | 1,127,340 | 2,395,760 | 4,492,826 | 8,310,711 |
| 1845... | 10,504,423 | 13,360,729 | 942,033 | 4,075,142 | 4,923,109 | 9,731,796 |
| 1846... | 9,935,925 | 12,857,422 | 877,109 | 3,660,581 | 5,098,505 | 10,667,649 |
| 1847... | 10,639,473 | 14,704,186 | 691,091 | 8,710,180 | 5,154,837 | 11,733,371 |
| 1848... | 15,061,102 | 17,205,417 | 787,235 | 7,060,470 | 6,624,648 | 14,543,623 |
| 1849... | 13,503,202 | 15,183,759 | 938,567 | 9,262,567 | 5,907,242 | 13,791,223 |
| 1850... | 16,900,916 | 19,681,612 | 1,664,860 | 10,864,680 | 8,134,674 | 17,639,024 |
| 1851... | 19,239,930 | 21,486,502 | 823,050 | 10,780,312 | 8,795,740 | 25,777,644 |
| 1852... | 17,348,184 | 18,716,741 | 507,988 | 18,843,569 | 8,515,709 | 21,651,723 |
| 1853... | 27,051,934 | 26,412,243 | 760,416 | 26,993,082 | 10,236,037 | 30,434,886 |
| 1854... | 31,119,654 | 32,477,106 | 395,456 | 28,288,241 | 10,863,536 | 34,696,831 |
| 1855... | 22,076,448 | 15,742,923 | 295,051 | 23,945,274 | 8,617,163 | 24,366,556 |
| 1856... | 30,705,161 | 24,337,504 | 237,162 | 21,618,718 | 11,189,463 | 30,226,533 |
| 1857... | 30,848,620 | 28,114,924 | 915,876 | 23,320,148 | 11,441,542 | 27,800,319 |
| 1858... | 26,288,189 | 17,574,142 | 843,740 | 14,453,617 | 6,557,323 | 20,222,103 |
| 1859... | 23,301,509 | 26,026,140 | 814,327 | 14,749,056 | 10,340,605 | 26,747,527 |
| 1860... | 37,735,914 | 9,079,676 | 1,035,479 | 18,464,346 | 10,736,335 | 30,767,744 |
| 1861... | 28,169,826 | 24,722,079 | 1,302,182 | 14,837,062 | 9,537,401 | 23,686,351 |
| 1862... | 15,325,630 | 8,904,051 | 2,813,899 | 8,631,938 | 4,049,672 | 7,588,373 |
| 1863... | 20,992,859 | 14,121,589 | 5,951,291 | 12,382,375 | 8,042,426 | 12,890,760 |
| 1864... | 32,760,850 | 14,341,501 | 6,231,319 | 19,609,698 | 9,915,635 | 25,597,723 |
| 1865... | 20,757,958 | 7,324,438 | 3,509,994 | 13,802,936 | 10,169,669 | 8,439,145 |
| 1866... | 57,725,389 | 27,652,413 | 5,662,872 | 19,425,109 | 23,801,214 | 28,508,696 |
| 1867... | 51,913,871 | 23,872,474 | 6,372,822 | 24,996,275 | 20,464,875 | 18,357,053 |
| 1868... | 37,238,513 | 16,668,382 | 7,004,551 | 22,521,392 | 13,430,743 | 16,908,533 |
| 1869... | 40,637,389 | 19,088,786 | 5,785,762 | 28,077,471 | 16,552,887 | 22,288,669 |
| 1870... | 42,099,181 | 21,900,898 | 6,348,419 | 32,489,199 | 16,253,162 | 23,870,143 |
| 1871... | 52,700,623 | 26,587,995 | 8,013,364 | 43,256,120 | 18,061,095 | 32,154,604 |
| 1872... | 69,811,240 | 29,983,671 | 7,845,024 | 52,890,457 | 21,220,496 | 36,341,694 |
| 1873... | 72,592,743 | 31,810,680 | 7,862,444 | 57,333,158 | 20,428,391 | 29,835,867 |
| 1874... | 59,287,932 | 24,922,254 | 6,926,681 | 34,709,345 | 17,472,755 | 23,996,782 |
| 1875... | 55,856,545 | 24,199,793 | 6,262,203 | 20,474,244 | 16,603,242 | 24,380,923 |
| 1876... | 42,260,342 | 19,850,107 | 6,549,065 | 12,871,385 | 14,456,046 | 23,668,191 |
| 1877... | 33,465,179 | 16,456,296 | 6,192,708 | 10,222,220 | 13,915,902 | 21,751,319 |
| 1878... | 24,724,047 | 14,398,791 | 2,314,290 | 9,057,633 | 11,490,753 | 19,701,731 |

U. S. IMPORTS OF LEADING ARTICLES—1821-1878.

[Compiled from the Annual Reports on the Commerce and Navigation of the U. S.]

| FISCAL YEARS. | Sugar. | Molasses. | Tea. | Coffee. | Spirits and wines. | Earthen, stone, and China ware. |
|---------------|------------|------------|------------|------------|--------------------|---------------------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1821... | 3,553,895 | 1,719,227 | 1,322,636 | 4,469,970 | 3,678,262 | 763,883 |
| 1822... | 5,035,003 | 2,398,355 | 1,860,777 | 5,552,649 | 4,314,888 | 1,164,609 |
| 1823... | 3,259,031 | 2,634,222 | 2,361,245 | 7,098,119 | 2,082,961 | 1,143,415 |
| 1824... | 5,411,617 | 2,413,643 | 2,786,252 | 5,437,029 | 3,193,518 | 888,869 |
| 1825... | 4,232,602 | 2,457,715 | 3,728,935 | 5,250,828 | 3,961,473 | 1,086,890 |
| 1826... | 5,311,954 | 2,838,728 | 3,752,281 | 4,159,558 | 3,368,900 | 1,337,589 |
| 1827... | 4,577,464 | 2,818,982 | 1,714,882 | 4,464,391 | 3,272,471 | 1,181,047 |
| 1828... | 3,546,795 | 2,788,471 | 2,451,197 | 5,192,398 | 3,839,189 | 1,554,010 |
| 1829... | 3,622,655 | 1,484,104 | 2,060,457 | 4,588,585 | 3,017,476 | 1,337,744 |
| 1830... | 4,630,922 | 995,776 | 2,425,018 | 4,227,021 | 2,194,092 | 1,259,060 |
| 1831... | 4,931,824 | 2,432,488 | 1,418,037 | 6,317,666 | 2,710,795 | 1,624,604 |
| 1832... | 2,936,619 | 2,524,281 | 2,788,353 | 9,099,464 | 3,752,497 | 2,024,020 |
| 1833... | 4,755,856 | 2,867,986 | 5,484,603 | 10,567,299 | 3,806,723 | 1,818,187 |
| 1834... | 5,538,102 | 2,989,020 | 6,217,949 | 8,762,657 | 4,263,633 | 1,591,413 |
| 1835... | 6,806,425 | 3,074,172 | 4,522,806 | 10,715,466 | 5,383,289 | 1,697,682 |
| 1836... | 12,514,718 | 4,077,312 | 5,342,811 | 9,653,053 | 6,249,415 | 2,709,187 |
| 1837... | 7,203,806 | 3,444,701 | 5,903,054 | 8,657,760 | 5,576,543 | 1,823,400 |
| 1838... | 7,586,831 | 3,865,285 | 3,497,156 | 7,640,217 | 3,795,200 | 1,855,536 |
| 1839... | 9,924,632 | 4,364,234 | 2,428,419 | 9,744,103 | 5,664,123 | 2,483,258 |
| 1840... | 5,581,128 | 2,910,791 | 5,427,010 | 8,546,222 | 3,801,740 | 2,010,231 |
| 1841... | 8,802,742 | 2,628,519 | 3,466,245 | 10,444,882 | 3,834,648 | 1,586,450 |
| 1842... | 6,503,563 | 1,942,575 | 4,527,108 | 8,938,638 | 5,157,885 | 1,557,961 |
| 1843... | 2,532,618 | 1,134,820 | 3,849,862 | 6,399,189 | 575,541 | 588,036 |
| 1844... | 6,897,245 | 2,833,753 | 4,120,725 | 9,764,554 | 1,787,982 | 1,633,482 |
| 1845... | 4,049,708 | 3,154,782 | 5,761,788 | 6,243,532 | 2,091,305 | 2,439,515 |
| 1846... | 4,397,239 | 3,332,297 | 5,032,121 | 8,420,243 | 3,170,965 | 2,525,349 |
| 1847... | 9,406,253 | 2,994,170 | 4,285,157 | 9,109,891 | 3,170,167 | 2,242,241 |
| 1848... | 8,775,223 | 3,435,703 | 6,225,479 | 8,249,997 | 3,095,238 | 2,332,996 |
| 1849... | 7,275,780 | 2,778,174 | 4,101,652 | 9,060,443 | 3,790,733 | 2,261,331 |
| 1850... | 6,950,716 | 2,890,185 | 4,719,232 | 11,234,835 | 5,372,063 | 2,601,393 |
| 1851... | 13,478,709 | 3,707,881 | 4,798,005 | 12,851,070 | 5,198,758 | 3,340,622 |
| 1852... | 13,977,393 | 2,595,127 | 7,285,817 | 14,474,900 | 4,644,053 | 3,444,095 |
| 1853... | 14,168,337 | 3,684,888 | 8,186,217 | 15,525,954 | 7,139,939 | 3,178,182 |
| 1854... | 11,604,656 | 3,126,293 | 6,729,447 | 14,549,718 | 6,872,565 | 4,137,691 |
| 1855... | 13,284,663 | 3,502,370 | 6,973,999 | 16,940,400 | 6,069,481 | 3,717,670 |
| 1856... | 21,295,154 | 4,234,668 | 6,893,891 | 21,514,196 | 9,655,400 | 3,347,884 |
| 1857... | 41,596,238 | 8,259,175 | 5,757,860 | 22,386,379 | 6,801,467 | 4,037,064 |
| 1858... | 18,946,663 | 4,116,759 | 6,777,295 | 18,341,081 | 5,478,840 | 3,215,236 |
| 1859... | 28,345,297 | 5,062,850 | 7,388,741 | 25,086,029 | 6,870,206 | 3,434,032 |
| 1860... | 28,931,166 | 5,216,327 | 8,803,771 | 21,768,939 | 8,712,817 | 4,407,812 |
| 1861... | 27,822,672 | 4,151,013 | 6,977,283 | 20,568,297 | 6,748,281 | 3,301,234 |
| 1862... | 20,857,524 | 3,427,813 | 6,545,654 | 14,192,195 | 2,511,141 | 1,286,602 |
| 1863... | 19,083,225 | 4,732,378 | 8,003,525 | 10,395,860 | 3,517,810 | 2,271,247 |
| 1864... | 29,662,978 | 7,256,964 | 10,549,880 | 16,221,586 | 4,758,117 | 2,535,788 |
| 1865... | 25,249,243 | 7,471,467 | 4,956,730 | 11,241,706 | 2,406,408 | 2,184,683 |
| 1866... | 39,596,492 | 7,227,351 | 11,123,231 | 20,531,764 | 6,917,869 | 3,012,591 |
| 1867... | 35,922,199 | 8,916,311 | 12,415,037 | 20,696,259 | 5,756,998 | 5,309,269 |
| 1868... | 49,343,516 | 12,262,270 | 11,111,560 | 25,288,451 | 4,598,013 | 4,007,213 |
| 1869... | 59,821,189 | 12,011,147 | 13,687,750 | 24,531,743 | 6,272,491 | 4,372,607 |
| 1870... | 55,665,073 | 11,245,631 | 13,863,273 | 24,234,879 | 7,587,676 | 4,388,771 |
| 1871... | 61,324,362 | 13,489,261 | 17,254,617 | 30,992,869 | 8,638,441 | 4,681,376 |
| 1872... | 79,146,974 | 12,802,128 | 22,943,575 | 57,942,225 | 8,582,223 | 5,270,785 |
| 1873... | 77,992,978 | 14,929,415 | 24,466,170 | 44,109,671 | 9,258,469 | 6,015,925 |
| 1874... | 77,443,598 | 10,947,824 | 21,112,234 | 55,048,967 | 8,636,469 | 4,882,355 |
| 1875... | 70,016,959 | 12,879,153 | 22,673,703 | 50,591,488 | 7,769,527 | 4,265,210 |
| 1876... | 55,704,504 | 11,863,299 | 19,524,166 | 56,788,997 | 6,594,551 | 4,304,808 |
| 1877... | 81,215,547 | 7,808,257 | 16,181,467 | 53,634,991 | 6,061,497 | 3,709,542 |
| 1878... | 69,649,837 | 7,887,732 | 15,660,168 | 51,914,605 | 5,517,427 | 4,051,786 |

Aggregate Exports from the United States of Leading Articles of Domestic Production, 1821-1878.

[Compiled from the Annual Reports on Commerce and Navigation.]

| FISCAL YEAR. | Cotton, Raw. | Cotton Manuf's. ¹ | Iron and Steel Manuf's. ² | Corn, Indian. ³ | Flour. ⁴ | Wheat. | Bacon and Hams. ⁵ |
|--------------|-----------------|---------------------------------|--|-------------------------------|---------------------|-------------|------------------------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1821... | 20,157,484 | | 103,083 | 606,279 | 4,298,043 | 178,314 | |
| 1822... | 24,035,058 | | 132,727 | 900,656 | 5,103,288 | | |
| 1823... | 20,445,520 | | 97,271 | 930,489 | 4,062,373 | 189,064 | |
| 1824... | 21,947,401 | | 142,974 | | 5,759,176 | | |
| 1825... | 36,846,649 | | 156,173 | 878,073 | 4,212,127 | 254,552 | |
| 1826... | 25,025,214 | 1,138,125 | 253,895 | 1,007,321 | 4,121,466 | 290,404 | |
| 1827... | 29,359,545 | 1,159,414 | 275,671 | 1,022,464 | 4,420,081 | 245,704 | |
| 1828... | 22,487,229 | 1,010,232 | 233,618 | 822,858 | 4,286,939 | 177,835 | |
| 1829... | 26,575,311 | 1,250,457 | 226,539 | 974,535 | 5,793,651 | 179,269 | |
| 1830... | 29,674,883 | | 309,473 | | 6,085,953 | | |
| 1831... | 25,289,492 | 1,126,313 | 239,274 | 396,617 | 9,938,458 | 523,270 | |
| 1832... | 31,724,682 | | 220,538 | | 4,880,623 | | |
| 1833... | 35,191,105 | | 243,603 | | 5,613,010 | | |
| 1834... | 49,443,402 | | 236,577 | | 4,520,781 | | |
| 1835... | 64,961,302 | 2,858,681 | 297,357 | 583,276 | 4,394,777 | 51,405 | |
| 1836... | 71,284,925 | 2,255,734 | 308,666 | 103,702 | 3,572,599 | 2,062 | |
| 1837... | 63,240,102 | 2,831,473 | 494,908 | 147,982 | 2,987,269 | 27,206 | |
| 1838... | 61,556,811 | 3,758,755 | 702,492 | 141,992 | 3,603,299 | 8,125 | |
| 1839... | 61,238,982 | | 946,586 | | | | |
| 1840... | 63,870,307 | 3,549,604 | 1,110,772 | 338,333 | 10,143,615 | 1,685,483 | |
| 1841... | 54,330,341 | 3,122,546 | 1,045,825 | 312,954 | 7,759,646 | 822,881 | |
| 1842... | 47,593,464 | 2,970,690 | 1,110,826 | 245,150 | 7,375,356 | 916,616 | |
| 1843... | 49,119,806 | 3,223,550 | 532,693 | 281,749 | 3,763,073 | 264,109 | |
| 1844... | 54,033,501 | 2,898,780 | 716,332 | 404,008 | 6,759,488 | 500,400 | |
| 1845... | 51,739,643 | 4,327,928 | 857,677 | 411,741 | 5,398,599 | 236,779 | |
| 1846... | 42,767,341 | 3,545,481 | 1,161,584 | 1,186,663 | 11,668,669 | 1,081,975 | |
| 1847... | 53,415,848 | 4,082,533 | 1,170,927 | 14,395,212 | 26,133,811 | 6,049,350 | |
| 1848... | 61,998,294 | 5,718,205 | 1,267,318 | 3,837,483 | 13,194,109 | 2,669,175 | |
| 1849... | 65,396,967 | 4,923,129 | 1,096,630 | 7,966,369 | 11,280,582 | 1,756,848 | |
| 1850... | 71,984,616 | 4,734,424 | 1,914,460 | 3,892,193 | 7,098,570 | 643,745 | |
| 1851... | 112,315,317 | 7,241,205 | 2,265,185 | 1,762,549 | 10,524,331 | 1,025,732 | |
| 1852... | 87,965,732 | 7,672,151 | 2,320,603 | 1,540,225 | 11,869,143 | 2,555,209 | |
| 1853... | 109,456,404 | 8,768,894 | 2,509,304 | 1,374,077 | 14,783,394 | 4,354,403 | |
| 1854... | 93,596,220 | 5,535,516 | 4,216,947 | 6,074,277 | 27,701,444 | 12,420,172 | |
| 1855... | 88,143,844 | 5,857,181 | 3,768,301 | 6,961,571 | 10,896,908 | 1,329,246 | 3,195,978 |
| 1856... | 128,382,351 | 6,967,309 | 4,190,096 | 7,622,565 | 29,275,148 | 15,115,661 | 3,863,323 |
| 1857... | 131,575,859 | 6,115,177 | 4,906,491 | 5,184,666 | 25,882,316 | 22,240,857 | 4,511,442 |
| 1858... | 131,386,661 | 5,651,504 | 4,737,094 | 3,250,039 | 19,328,884 | 9,064,504 | 1,957,423 |
| 1859... | 161,434,923 | 8,316,222 | 5,506,880 | 1,323,103 | 14,433,591 | 2,849,192 | 1,263,042 |
| 1860... | 191,806,555 | 10,934,796 | 5,712,986 | 2,399,808 | 15,448,507 | 4,076,704 | 2,272,768 |
| 1861... | 34,051,483 | 8,050,549 | 5,932,587 | 6,890,865 | 24,645,849 | 28,313,624 | 4,848,339 |
| 1862... | 1,180,113 | 2,946,464 | 4,563,201 | 10,387,383 | 27,534,677 | 42,573,295 | 10,290,572 |
| 1863... | 6,652,405 | 2,906,411 | 6,475,279 | 10,592,704 | 28,366,069 | 46,754,195 | 18,658,280 |
| 1864... | 9,895,854 | 1,246,216 | 7,283,166 | 3,404,398 | 25,588,249 | 31,432,133 | 12,323,327 |
| 1865... | 6,836,400 | 3,323,637 | 10,786,559 | 3,849,758 | 27,507,084 | 19,398,028 | 10,536,608 |
| 1866... | 281,385,223 | 1,780,165 | 3,759,554 | 11,070,395 | 18,396,686 | 7,842,749 | 6,269,796 |
| 1867... | 201,470,423 | 4,608,235 | 9,487,883 | 14,871,092 | 17,903,775 | 7,822,555 | 3,291,176 |
| 1868... | 152,820,733 | 4,871,054 | 10,784,654 | 13,094,036 | 20,887,798 | 30,247,632 | 5,476,998 |
| 1869... | 162,633,052 | 5,874,222 | 10,873,948 | 6,820,719 | 18,813,865 | 24,383,259 | 7,482,062 |
| 1870... | 227,027,624 | 3,787,232 | 13,414,443 | 1,287,575 | 21,169,593 | 47,171,229 | 6,123,113 |
| 1871... | 218,327,109 | 3,558,136 | 20,943,979 | 7,458,997 | 24,093,184 | 45,143,424 | 8,126,683 |
| 1872... | 180,684,595 | 2,304,330 | 11,195,434 | 23,984,365 | 17,955,684 | 38,915,060 | 21,126,592 |
| 1873... | 227,243,069 | 2,947,528 | 12,283,239 | 23,794,694 | 19,381,664 | 51,452,254 | 35,022,137 |
| 1874... | 211,223,580 | 3,095,840 | 14,794,802 | 24,769,951 | 29,258,951 | 101,421,459 | 33,383,908 |
| 1875... | 190,638,625 | 4,071,822 | 19,204,961 | 24,456,937 | 23,712,440 | 59,607,863 | 28,612,613 |
| 1876... | 192,659,262 | 7,722,978 | 14,225,596 | 33,265,280 | 24,433,470 | 68,382,899 | 39,664,456 |
| 1877... | 171,118,508 | 10,235,843 | 16,277,757 | 41,621,245 | 21,663,947 | 48,512,562 | 49,512,412 |
| 1878... | 179,031,484 | 11,435,628 | 15,844,264 | 48,630,358 | 25,092,826 | 96,872,016 | 51,750,205 |

1. Not reported separately prior to 1855.

2. Includes fire-arms, machinery, and sewing-machines.

3. Includes Corn Meal up to 1855.

4. Includes Wheat up to 1865.

5. Included in Pork up to 1855.

Aggregated Exports from the United States of Leading Articles of Domestic Production, 1821-1878.

[Compiled from the Annual Reports on Commerce and Navigation.]

| FISCAL YEAR. | Lard. ¹ | Pork. | Butter. | Cheese. ² | Petroleum and Coal Oil. | Tobacco, Leaf and Manuf's. | Wood and Manuf's. |
|--------------|--------------------|------------|-----------|----------------------|-------------------------|----------------------------|-------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| 1821. | | 1,354,116 | 190,287 | | | 5,648,962 | 1,822,077 |
| 1822. | | 1,357,899 | 221,041 | | | 6,222,838 | 1,651,258 |
| 1823. | | 1,291,322 | 192,778 | | | 6,282,672 | 1,638,734 |
| 1824. | | 1,489,051 | 204,205 | | | 4,855,566 | 2,037,288 |
| 1825. | | 1,832,679 | 247,787 | | | 6,115,623 | 1,988,220 |
| 1826. | | 1,892,429 | 207,765 | | | 5,347,208 | 2,331,006 |
| 1827. | | 1,555,698 | 184,049 | | | 6,577,123 | 1,990,869 |
| 1828. | | 1,495,830 | 176,354 | | | 5,269,960 | 2,161,767 |
| 1829. | | 1,493,629 | 176,205 | | | 4,982,974 | 2,081,406 |
| 1830. | | 1,315,245 | 142,370 | | | 5,586,365 | 2,056,289 |
| 1831. | | 1,501,644 | 264,796 | | | 4,892,888 | 2,063,311 |
| 1832. | | 1,928,196 | 290,820 | | | 5,999,769 | 2,149,651 |
| 1833. | | 2,151,558 | 258,452 | | | 5,755,968 | 2,663,102 |
| 1834. | | 1,796,001 | 190,099 | | | 6,595,305 | 2,507,061 |
| 1835. | | 1,776,732 | 164,809 | | | 8,250,577 | 3,402,934 |
| 1836. | | 1,383,344 | 114,033 | | | 10,058,640 | 2,860,691 |
| 1837. | | 1,299,796 | 96,176 | | | 5,795,647 | 3,155,992 |
| 1838. | | 1,312,346 | 148,191 | | | 7,392,029 | 3,116,196 |
| 1839. | | 1,777,230 | 127,550 | | | 9,832,943 | 3,604,399 |
| 1840. | | 1,894,894 | 210,749 | | | 9,883,957 | 2,926,846 |
| 1841. | | 2,621,537 | 504,815 | | | 12,576,703 | 3,576,865 |
| 1842. | | 2,629,403 | 388,185 | | | 9,540,755 | 3,230,003 |
| 1843. | | 2,120,020 | 508,968 | | | 4,650,979 | 1,687,809 |
| 1844. | | 3,236,479 | 758,829 | | | 8,397,255 | 3,011,968 |
| 1845. | | 2,991,284 | 878,865 | | | 7,469,819 | 3,099,455 |
| 1846. | | 3,883,884 | 1,063,087 | | | 8,478,270 | 3,685,276 |
| 1847. | | 6,630,842 | 1,741,770 | | | 7,242,086 | 3,937,586 |
| 1848. | | 9,003,272 | 1,361,668 | | | 7,551,122 | 5,183,109 |
| 1849. | | 9,245,885 | 1,654,157 | | | 5,804,207 | 3,859,983 |
| 1850. | | 7,550,287 | 1,215,463 | | | 9,951,023 | 4,823,792 |
| 1851. | | 4,368,015 | 1,124,632 | | | 9,219,251 | 5,055,778 |
| 1852. | | 3,765,470 | 779,391 | | | 10,031,283 | 5,516,748 |
| 1853. | | 6,202,324 | 862,343 | | | 11,319,319 | 5,840,198 |
| 1854. | | 11,061,010 | 1,258,393 | | | 10,016,046 | 7,351,667 |
| 1855. | 4,018,016 | 4,390,979 | 418,723 | 514,034 | | 14,712,468 | 9,376,555 |
| 1856. | 3,870,949 | 5,029,940 | 580,286 | 887,705 | | 12,221,843 | 7,779,046 |
| 1857. | 5,144,195 | 2,805,867 | 593,084 | 647,423 | | 20,260,772 | 11,075,790 |
| 1858. | 3,809,501 | 2,852,942 | 541,863 | 731,910 | | 17,009,767 | 10,159,924 |
| 1859. | 3,268,406 | 3,355,746 | 750,911 | 649,302 | | 24,476,529 | 7,186,217 |
| 1860. | 4,545,831 | 3,132,313 | 1,144,321 | 1,565,630 | | 19,289,975 | 10,031,977 |
| 1861. | 4,729,297 | 2,609,818 | 2,355,985 | 3,321,631 | | 16,545,241 | 7,882,933 |
| 1862. | 10,004,521 | 3,980,153 | 4,164,344 | 2,715,892 | 1,539,027 | 13,402,000 | 8,672,918 |
| 1863. | 15,755,570 | 4,334,775 | 6,733,743 | 4,216,804 | 27,839 | 23,150,253 | 11,954,837 |
| 1864. | 11,260,728 | 5,828,090 | 6,140,031 | 5,638,007 | 10,771,292 | 26,493,829 | 12,350,843 |
| 1865. | 9,134,858 | 6,850,808 | 7,292,715 | 11,697,746 | 16,548,969 | 45,307,933 | 18,351,564 |
| 1866. | 5,970,651 | 4,788,484 | 1,267,851 | 6,036,828 | 24,373,932 | 31,438,561 | 13,402,892 |
| 1867. | 6,634,556 | 3,597,690 | 1,184,367 | 7,893,535 | 24,407,642 | 22,571,912 | 14,838,574 |
| 1868. | 9,427,831 | 3,267,652 | 582,745 | 7,010,424 | 21,810,676 | 26,077,987 | 15,149,096 |
| 1869. | 7,443,948 | 3,422,928 | 484,094 | 6,437,866 | 30,025,446 | 23,347,719 | 15,126,459 |
| 1870. | 5,933,397 | 3,253,137 | 592,229 | 8,881,934 | 32,101,485 | 22,705,225 | 13,734,838 |
| 1871. | 10,569,020 | 4,302,320 | 853,096 | 8,752,990 | 36,857,380 | 21,995,957 | 12,942,281 |
| 1872. | 20,177,619 | 4,122,308 | 1,498,812 | 7,752,918 | 34,058,390 | 26,659,921 | 15,240,872 |
| 1873. | 21,245,815 | 5,007,035 | 952,919 | 10,498,010 | 42,050,756 | 25,331,946 | 18,219,802 |
| 1874. | 19,308,019 | 5,083,712 | 1,092,381 | 11,898,995 | 41,245,815 | 32,968,528 | 20,353,711 |
| 1875. | 22,900,522 | 5,671,495 | 1,506,996 | 13,659,603 | 29,891,465 | 27,844,470 | 18,440,085 |
| 1876. | 22,429,485 | 5,744,022 | 1,109,496 | 12,270,083 | 32,915,786 | 25,570,538 | 17,296,275 |
| 1877. | 25,562,665 | 6,296,414 | 4,424,616 | 12,700,627 | 61,789,438 | 32,020,214 | 18,444,037 |
| 1878. | 30,014,023 | 4,913,646 | 3,930,840 | 14,103,529 | 46,574,974 | 28,484,182 | 16,776,381 |

1. Included in Pork up to 1855

2. Included with Butter as "Butter and Cheese" up to 1855.

TONNAGE OF THE UNITED STATES, 1789-1877.

Comparative View of the Distribution of the Tonnage of the United States Merchant Marine, employed in the Foreign Trade, the Coastwise Trade, and the Fisheries, each Year, from 1789 to 1877.

Compiled from the Annual Report of the Register of the Treasury, 1877.

| YEARS. | Foreign Trade. | Coastwise Trade. | Whale Fisheries. | Cod and Mackerel Fisheries. | Sail. | Steam. | Total. | Annual Increase or Decrease per cent. |
|-----------|----------------|------------------|------------------|-----------------------------|-----------|---------|-----------|---------------------------------------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | |
| 1789..... | 123,893 | 68,607 | ..... | 9,062 | 201,562 | ..... | 201,562 | ..... |
| 1790..... | 346,254 | 103,775 | ..... | 28,348 | 478,377 | ..... | 478,377 | 137.33 |
| 1791..... | 363,110 | 106,494 | ..... | 32,542 | 502,146 | ..... | 502,146 | 4.96 |
| 1792..... | 411,438 | 120,957 | ..... | 32,062 | 564,457 | ..... | 564,457 | 12.35 |
| 1793..... | 367,734 | 122,071 | ..... | 30,959 | 520,764 | ..... | 520,764 | - 7.74 |
| 1794..... | 438,863 | 162,578 | 4,129 | 23,048 | 628,618 | ..... | 628,618 | 20.71 |
| 1795..... | 529,411 | 184,398 | 3,163 | 30,933 | 747,965 | ..... | 747,965 | 19.03 |
| 1796..... | 576,733 | 217,841 | 2,864 | 34,962 | 831,900 | ..... | 831,900 | 11.22 |
| 1797..... | 597,777 | 237,403 | 1,104 | 40,628 | 876,912 | ..... | 876,912 | 5.41 |
| 1798..... | 603,376 | 251,443 | 763 | 42,746 | 898,328 | ..... | 898,328 | 2.49 |
| 1799..... | 657,142 | 246,640 | 5,647 | 29,979 | 939,408 | ..... | 939,408 | 4.57 |
| 1800..... | 667,107 | 272,492 | 3,466 | 29,427 | 972,492 | ..... | 972,492 | 3.52 |
| 1801..... | 630,558 | 274,551 | 3,085 | 39,382 | 947,576 | ..... | 947,576 | - 2.55 |
| 1802..... | 557,760 | 289,623 | 3,201 | 41,522 | 892,106 | ..... | 892,106 | - 5.85 |
| 1803..... | 585,910 | 299,060 | 12,390 | 51,812 | 949,172 | ..... | 949,172 | 6.39 |
| 1804..... | 660,514 | 317,537 | 12,339 | 52,014 | 1,042,404 | ..... | 1,042,404 | 1.00 |
| 1805..... | 744,224 | 332,663 | 6,015 | 57,465 | 1,140,367 | ..... | 1,140,367 | 9.40 |
| 1806..... | 798,507 | 340,540 | 10,507 | 59,183 | 1,208,737 | ..... | 1,208,737 | 5.99 |
| 1807..... | 840,163 | 349,028 | 9,051 | 70,306 | 1,298,548 | ..... | 1,298,548 | 4.95 |
| 1808..... | 765,252 | 420,819 | 4,526 | 51,998 | 1,242,595 | ..... | 1,242,595 | - 2.04 |
| 1809..... | 906,855 | 405,163 | 3,777 | 34,487 | 1,350,282 | ..... | 1,350,282 | 8.66 |
| 1810..... | 981,019 | 405,347 | 3,589 | 34,828 | 1,424,783 | ..... | 1,424,783 | 5.51 |
| 1811..... | 763,607 | 420,362 | 5,299 | 43,234 | 1,232,502 | ..... | 1,232,502 | -13.49 |
| 1812..... | 758,636 | 477,972 | 2,930 | 30,459 | 1,269,997 | ..... | 1,269,997 | 2.95 |
| 1813..... | 672,700 | 470,109 | 2,942 | 20,877 | 1,166,628 | ..... | 1,166,628 | - 8.14 |
| 1814..... | 674,633 | 466,159 | 562 | 17,855 | 1,159,209 | ..... | 1,159,209 | - 0.63 |
| 1815..... | 854,295 | 475,666 | 1,230 | 36,937 | 1,368,128 | ..... | 1,368,128 | 18.02 |
| 1816..... | 800,760 | 522,665 | 1,168 | 47,626 | 1,372,219 | ..... | 1,372,219 | 0.29 |
| 1817..... | 804,851 | 535,030 | 5,224 | 64,807 | 1,399,912 | ..... | 1,399,912 | 0.20 |
| 1818..... | 589,954 | 549,374 | 16,750 | 69,107 | 1,225,185 | ..... | 1,225,185 | -10.34 |
| 1819..... | 581,230 | 571,058 | 32,886 | 76,078 | 1,260,752 | ..... | 1,260,752 | 0.01 |
| 1820..... | 533,657 | 588,025 | 36,445 | 72,040 | 1,280,167 | ..... | 1,280,167 | 1.54 |
| 1821..... | 593,825 | 614,845 | 27,995 | 62,293 | 1,298,958 | ..... | 1,298,958 | 1.47 |
| 1822..... | 613,068 | 624,189 | 18,216 | 69,226 | 1,324,699 | ..... | 1,324,699 | 1.98 |
| 1823..... | 600,003 | 617,805 | 40,503 | 78,255 | 1,311,687 | 24,879 | 1,336,566 | 0.89 |
| 1824..... | 636,807 | 641,563 | 33,346 | 77,447 | 1,367,553 | 21,610 | 1,389,163 | 3.94 |
| 1825..... | 667,408 | 640,861 | 33,379 | 81,462 | 1,400,049 | 23,061 | 1,423,110 | 2.44 |
| 1826..... | 696,221 | 722,340 | 41,974 | 73,656 | 1,500,132 | 34,059 | 1,534,191 | 7.80 |
| 1827..... | 701,517 | 789,259 | 45,892 | 83,939 | 1,580,409 | 40,198 | 1,620,607 | 5.63 |
| 1828..... | 757,998 | 842,906 | 54,801 | 85,687 | 1,701,974 | 39,418 | 1,741,392 | 7.45 |
| 1829..... | 592,859 | 508,858 | 57,284 | 101,797 | 1,296,761 | 54,037 | 1,350,798 | -27.60 |
| 1830..... | 537,563 | 516,979 | 39,705 | 97,529 | 1,127,304 | 64,472 | 1,191,776 | - 5.47 |
| 1831..... | 538,136 | 539,724 | 82,797 | 107,189 | 1,233,401 | 34,445 | 1,267,846 | 6.38 |
| 1832..... | 614,121 | 649,627 | 73,246 | 102,458 | 1,348,636 | 90,814 | 1,439,450 | 13.53 |
| 1833..... | 648,869 | 744,199 | 101,636 | 111,447 | 1,504,301 | 101,850 | 1,606,151 | 11.59 |
| 1834..... | 749,378 | 783,619 | 108,424 | 117,486 | 1,686,093 | 122,814 | 1,758,907 | 9.51 |
| 1835..... | 788,173 | 797,338 | 97,649 | 141,781 | 1,702,127 | 122,814 | 1,824,941 | 3.13 |
| 1836..... | 753,094 | 873,023 | 146,254 | 103,731 | 1,736,546 | 145,556 | 1,882,102 | 3.13 |
| 1837..... | 683,205 | 956,981 | 129,137 | 127,363 | 1,741,921 | 154,765 | 1,896,686 | 0.24 |
| 1838..... | 702,962 | 1,041,105 | 124,860 | 126,713 | 1,802,217 | 193,423 | 1,995,640 | 5.22 |
| 1839..... | 702,400 | 1,153,552 | 132,285 | 108,242 | 1,891,541 | 204,938 | 2,096,479 | 5.05 |
| 1840..... | 762,838 | 1,176,694 | 136,927 | 104,305 | 1,978,455 | 202,309 | 2,180,764 | 4.02 |
| 1841..... | 788,398 | 1,107,068 | 157,405 | 77,873 | 1,955,656 | 175,083 | 2,130,744 | - 2.30 |
| 1842..... | 823,746 | 1,045,753 | 151,990 | 70,902 | 1,862,730 | 229,661 | 2,092,391 | - 1.80 |
| 1843..... | 856,930 | 1,076,156 | 152,517 | 73,000 | 1,921,736 | 236,867 | 2,158,603 | 3.16 |
| 1844..... | 900,471 | 1,109,615 | 168,614 | 101,396 | 2,007,926 | 272,170 | 2,280,096 | 5.63 |
| 1845..... | 904,476 | 1,223,218 | 190,903 | 98,404 | 2,090,983 | 326,019 | 2,417,002 | 6.00 |

TONNAGE OF THE UNITED STATES, 1780-1878—(Continued),

| YEARS. | Foreign Trade. | Coast-wise Trade. | Whale Fisheries. | Cod and Mackrel-Fisheries. | Sail. | Steam. | Total. | Annual Increase or Decrease per cent. |
|-----------|----------------|-------------------|------------------|----------------------------|-----------|-----------|-----------|---------------------------------------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | |
| 1846..... | 943,307 | 1,315,577 | 187,420 | 115,781 | 2,214,192 | 347,893 | 2,562,085 | 6.00 |
| 1847..... | 1,047,454 | 1,488,601 | 193,859 | 109,132 | 2,434,205 | 404,841 | 2,839,046 | 10.81 |
| 1848..... | 1,168,707 | 1,659,317 | 192,613 | 133,406 | 2,726,151 | 427,891 | 3,154,042 | 11.09 |
| 1849..... | 1,258,756 | 1,770,376 | 180,186 | 124,698 | 2,871,621 | 462,395 | 3,334,016 | 5.71 |
| 1850..... | 1,439,694 | 1,797,825 | 146,017 | 151,918 | 3,010,020 | 525,434 | 3,535,454 | 6.04 |
| 1851..... | 1,544,663 | 1,899,976 | 181,644 | 146,156 | 3,188,832 | 583,607 | 3,772,439 | 6.70 |
| 1852..... | 1,705,650 | 2,055,873 | 193,798 | 183,119 | 3,504,200 | 634,240 | 4,138,440 | 9.70 |
| 1853..... | 1,910,471 | 2,134,258 | 193,203 | 169,078 | 3,802,332 | 604,618 | 4,407,010 | 6.49 |
| 1854..... | 2,151,918 | 2,322,114 | 181,901 | 146,969 | 4,126,295 | 676,607 | 4,802,902 | 8.96 |
| 1855..... | 2,348,358 | 2,543,255 | 186,848 | 133,540 | 4,441,716 | 770,285 | 5,212,001 | 8.52 |
| 1856..... | 2,302,190 | 2,247,663 | 189,461 | 132,339 | 4,198,576 | 673,077 | 4,871,653 | 2.60 |
| 1857..... | 2,268,196 | 2,336,609 | 195,842 | 140,196 | 4,235,059 | 705,784 | 4,940,843 | 1.41 |
| 1858..... | 2,301,148 | 2,401,220 | 198,594 | 148,846 | 4,321,418 | 728,390 | 5,049,808 | 2.20 |
| 1859..... | 2,321,674 | 2,480,929 | 185,728 | 156,707 | 4,376,285 | 768,753 | 5,145,038 | 1.90 |
| 1860..... | 2,379,396 | 2,644,867 | 166,841 | 162,764 | 4,485,931 | 867,937 | 5,353,868 | 4.06 |
| 1861..... | 2,496,894 | 2,704,724 | 145,734 | 192,461 | 4,662,609 | 877,204 | 5,539,813 | 3.47 |
| 1862..... | 2,173,537 | 2,616,716 | 117,714 | 204,197 | 4,401,701 | 710,463 | 5,112,164 | -4.51 |
| 1863..... | 1,926,886 | 2,960,633 | 99,228 | 168,309 | 4,579,537 | 575,519 | 5,155,056 | 0.84 |
| 1864..... | 1,486,749 | 3,245,265 | 95,145 | 159,241 | 4,026,665 | 960,335 | 4,986,400 | -3.85 |
| 1865..... | 509,199 | 1,016,199 | 1,380 | 53,216 | 1,212,805 | 367,189 | 1,570,994 | 2.21 |
| 1865..... | 1,009,151 | 2,365,323 | 89,136 | 53,278 | 2,816,838 | 699,950 | 3,516,788 | |
| 1865..... | 1,031,541 | 2,162,220 | 76,990 | 97,728 | 2,442,212 | 926,267 | 3,368,479 | -15.42 |
| 1866..... | 356,215 | 557,401 | 28,180 | 503 | 785,254 | 157,045 | 912,299 | |
| 1867..... | 1,300,852 | 2,528,214 | 52,384 | 76,065 | 2,834,535 | 1,132,980 | 3,957,515 | -0.12 |
| 1867..... | 214,796 | 132,176 | | | 278,072 | 68,900 | 346,972 | |
| 1868..... | 1,460,940 | 2,702,140 | 71,343 | 83,837 | 3,118,895 | 1,199,415 | 4,318,310 | 1.10 |
| 1868..... | 33,449 | | | | 33,449 | | 33,449 | |
| 1869..... | 1,496,220 | 2,515,515 | 70,202 | 62,704 | 3,041,083 | 1,103,568 | 4,144,641 | -4.76 |
| 1870..... | 1,448,846 | 2,638,247 | 67,954 | 91,460 | 4,171,412 | 1,075,035 | 4,246,507 | 2.46 |
| 1871..... | 1,363,652 | 2,764,600 | 61,490 | 92,865 | 3,194,970 | 1,087,637 | 4,282,607 | 0.85 |
| 1872..... | 1,359,040 | 2,929,552 | 51,608 | 97,547 | 3,326,194 | 1,111,553 | 4,437,747 | 3.62 |
| 1873..... | 1,378,533 | 3,163,220 | 44,755 | 109,519 | 3,539,584 | 1,156,443 | 4,696,027 | 5.82 |
| 1874..... | 1,389,815 | 3,293,439 | 39,108 | 78,290 | 3,615,042 | 1,185,610 | 4,800,652 | 2.23 |
| 1875..... | 1,515,598 | 3,219,698 | 38,229 | 80,207 | 3,685,064 | 1,168,668 | 4,853,732 | 1.16 |
| 1876..... | 1,553,705 | 3,598,835 | 39,116 | 87,802 | 3,107,066 | 1,172,372 | 4,279,458 | -11.83 |
| 1877..... | 1,611,193 | 2,540,322 | 40,593 | 91,085 | 3,071,404 | 1,171,196 | 4,242,600 | -0.86 |
| 1878..... | 1,629,047 | 2,519,361 | 39,700 | 86,547 | 3,045,087 | 1,167,678 | 4,212,765 | -0.70 |

Steam Vessels built in the United States during the Year ended June 30, 1878.

| CLASS OF VESSELS. | Number. | Tonnage. |
|----------------------------------|---------|-----------|
| River steamers, stern-wheel..... | 57 | 21,173.05 |
| River steamers, side-wheel..... | 112 | 25,647.59 |
| River steamers, propellers..... | 141 | 7,090.35 |
| Lake steamers, propellers..... | 7 | 6,461.90 |
| Lake steamers, side-wheel..... | 1 | 98.15 |
| Ocean steamers, propellers..... | 16 | 21,388.56 |
| Total..... | 334 | 81,859.60 |

Number and Tonnage of Steam Iron Vessels built in the United States during the Year ended June 30, 1878.

| PORTS. | Number. | Tons. |
|---|---------|-----------|
| Philadelphia, Pittsburgh, Wilmington, Baltimore, Buffalo, Cincinnati and St. Louis..... | 32 | 26,060.20 |

NUMBER AND DISTRIBUTION OF THE SHIPPING OF THE UNITED STATES, JUNE 30, 1878.

| STATES AND TERRITORIES IN WHICH DOCUMENTED. | Sailing Vessels. | | Steam Vessels. | | Canal- boats. | | Barges. | | Total. | |
|--|---------------------|-----------|-------------------|-----------|------------------|--------|---------|---------|--------|-----------|
| | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. |
| 1 Alabama..... | 72 | 10,245 | 39 | 6,083 | ..... | ..... | 5 | 511 | 146 | 16,839 |
| 2 Alaska..... | 10 | 134 | 1 | 46 | ..... | ..... | ..... | ..... | 11 | 180 |
| 3 Arizona..... | ..... | ..... | 4 | 834 | ..... | ..... | 4 | 554 | 8 | 1,389 |
| 4 California..... | 676 | 111,880 | 168 | 63,227 | ..... | ..... | 61 | 8,179 | 905 | 183,265 |
| 5 Connecticut..... | 704 | 46,661 | 91 | 27,029 | 1 | 120 | 44 | 2,092 | 840 | 79,901 |
| 6 Delaware..... | 159 | 11,299 | 16 | 2,630 | ..... | ..... | 9 | 1,300 | 184 | 15,229 |
| 7 District of Columbia.. | 66 | 2,532 | 32 | 6,060 | ..... | ..... | 1 | 168 | 99 | 8,769 |
| 8 Florida..... | 292 | 19,482 | 65 | 7,142 | ..... | ..... | ..... | ..... | 357 | 26,624 |
| 9 Georgia..... | 76 | 10,184 | 24 | 10,024 | ..... | ..... | 3 | 298 | 103 | 20,596 |
| 10 Illinois..... | 295 | 68,529 | 161 | 23,670 | ..... | ..... | 47 | 10,318 | 503 | 102,517 |
| 11 Indiana..... | ..... | ..... | 54 | 5,611 | ..... | ..... | 25 | 3,111 | 79 | 8,722 |
| 12 Iowa..... | ..... | ..... | 48 | 3,732 | ..... | ..... | ..... | ..... | 48 | 3,732 |
| 13 Kentucky..... | ..... | ..... | 47 | 11,617 | ..... | ..... | 24 | 3,394 | 71 | 15,011 |
| 14 Louisiana..... | 443 | 35,058 | 189 | 54,281 | ..... | ..... | 15 | 2,816 | 647 | 92,154 |
| 15 Maine..... | 2,683 | 518,678 | 81 | 16,073 | ..... | ..... | 1 | 151 | 2,765 | 534,903 |
| 16 Maryland..... | 1,641 | 92,145 | 133 | 37,657 | ..... | ..... | 2 | 134 | 1,776 | 129,937 |
| 17 Massachusetts..... | 2,365 | 426,124 | 153 | 44,442 | ..... | ..... | 7 | 2,170 | 2,525 | 472,796 |
| 18 Michigan..... | 444 | 50,921 | 369 | 60,773 | ..... | ..... | 135 | 34,184 | 948 | 145,877 |
| 19 Minnesota..... | 2 | 93 | 48 | 4,711 | ..... | ..... | 21 | 1,624 | 71 | 6,428 |
| 20 Mississippi..... | 110 | 3,422 | 46 | 4,740 | ..... | ..... | 16 | 1,268 | 172 | 9,420 |
| 21 Missouri..... | ..... | ..... | 174 | 59,094 | ..... | ..... | 195 | 70,177 | 369 | 129,271 |
| 22 Nebraska..... | ..... | ..... | 27 | 5,619 | ..... | ..... | ..... | ..... | 27 | 5,619 |
| 23 New Hampshire..... | 72 | 13,070 | 5 | 281 | ..... | ..... | ..... | ..... | 77 | 13,351 |
| 24 New Jersey..... | 896 | 51,624 | 103 | 16,922 | 163 | 15,431 | 68 | 10,661 | 1,230 | 94,638 |
| 25 New York..... | 2,153 | 687,924 | 1,011 | 374,293 | 878 | 69,502 | 561 | 129,504 | 5,603 | 1,261,313 |
| 26 North Carolina..... | 301 | 9,855 | 22 | 1,836 | ..... | ..... | ..... | ..... | 323 | 11,692 |
| 27 Ohio..... | 244 | 63,731 | 220 | 64,620 | ..... | ..... | 178 | 28,575 | 642 | 156,925 |
| 28 Oregon..... | 44 | 4,733 | 81 | 28,736 | ..... | ..... | 21 | 5,010 | 146 | 37,079 |
| 29 Pennsylvania..... | 705 | 141,218 | 454 | 130,886 | 27 | 3,499 | 462 | 84,337 | 1,648 | 359,940 |
| 30 Rhode Island..... | 244 | 17,304 | 56 | 21,820 | ..... | ..... | ..... | ..... | 300 | 39,124 |
| 31 South Carolina..... | 187 | 9,162 | 41 | 5,312 | ..... | ..... | ..... | ..... | 228 | 14,474 |
| 32 Tennessee..... | ..... | ..... | 89 | 13,266 | ..... | ..... | 2 | 64 | 91 | 13,330 |
| 33 Texas..... | 232 | 8,020 | 33 | 6,099 | ..... | ..... | 15 | 2,227 | 280 | 16,346 |
| 34 Vermont..... | 13 | 731 | 8 | 2,583 | 2 | 139 | ..... | ..... | 23 | 3,453 |
| 35 Virginia..... | 1,045 | 28,042 | 85 | 7,069 | ..... | ..... | 7 | 736 | 1,137 | 35,847 |
| 36 Washington Territory. | 69 | 25,691 | 39 | 5,310 | ..... | ..... | ..... | ..... | 108 | 31,001 |
| 37 West Virginia..... | ..... | ..... | 140 | 16,235 | ..... | ..... | 267 | 26,572 | 407 | 42,807 |
| 38 Wisconsin..... | 280 | 54,826 | 115 | 17,315 | ..... | ..... | 2 | 251 | 397 | 72,393 |
| Total..... | 17,523 | 2,521,318 | 4,472 | 1,167,678 | 1,071 | 88,691 | 2,198 | 435,076 | 25,264 | 4,212,764 |
| SUMMARY. | | | | | | | | | | |
| Atlantic & Gulf Coasts... | 15,178 | 2,064,971 | 2,101 | 632,144 | 532 | 46,489 | 735 | 153,512 | 18,566 | 2,897,416 |
| Pacific Coast..... | 799 | 140,439 | 293 | 98,153 | ..... | ..... | 86 | 14,343 | 1,178 | 252,935 |
| Northern Lakes..... | 1,546 | 315,909 | 918 | 201,550 | 519 | 41,902 | 183 | 45,296 | 3,166 | 604,657 |
| Western Rivers..... | ..... | ..... | 1,160 | 235,832 | ..... | ..... | 1,194 | 231,926 | 2,354 | 457,258 |
| Grand total..... | 17,523 | 2,521,319 | 4,472 | 1,167,679 | 1,071 | 88,691 | 2,198 | 435,077 | 25,264 | 4,212,766 |

Number and Tonnage of Vessels built in the United States during the Year ended June 30, 1878.

[From the Annual Report of the Register of the Treasury, December, 1878.]

| SUMMARY. | Sailing Vessels. | | Steam Vessels. | | Canal- boats. | | Barges. | | Total. | |
|-------------------------|---------------------|------------|-------------------|-----------|------------------|----------|---------|-----------|--------|------------|
| | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. | No. | Tons. |
| Atlantic & Gulf Coasts. | 463 | 102,037.69 | 124 | 36,730.98 | 8 | 743.73 | 59 | 4,237.21 | 634 | 143,804.61 |
| Pacific Coast..... | 36 | 2,523.90 | 22 | 8,360.53 | ..... | ..... | 5 | 448.29 | 63 | 11,327.72 |
| Northern Lakes..... | 33 | 1,504.92 | 55 | 8,641.65 | 11 | 1,159.77 | 2 | 129.89 | 101 | 11,438.23 |
| Western Rivers..... | ..... | ..... | 133 | 28,124.44 | ..... | ..... | 327 | 40,808.57 | 460 | 69,928.01 |
| Total..... | 532 | 106,066.51 | 334 | 81,859.60 | 19 | 1,908.50 | 373 | 45,668.96 | 1,258 | 235,703.57 |

Business of the New York Clearing House from its Foundation.

| Years. | No. of Banks. | Capital. | Exchanges. | Balances paid in money. | Average daily exchanges. | Average daily bal- ances paid in money. | Ratios. |
|--------|------------------|-------------|------------------|----------------------------|--------------------------------|--|---------|
| | | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Per.c. |
| 1854. | 50 | 47,044,900 | 5,750,455,987 | 297,411,494 | 19,104,505 | 938,078 | 5.2 |
| 1855. | 48 | 48,884,180 | 5,362,912,098 | 289,694,137 | 17,412,052 | 940,565 | 5.4 |
| 1856. | 50 | 52,883,700 | 6,906,213,328 | 334,714,489 | 22,278,108 | 1,079,724 | 4.8 |
| 1857. | 50 | 64,420,200 | 8,333,226,718 | 365,313,902 | 26,968,371 | 1,182,246 | 4.4 |
| 1858. | 46 | 67,146,018 | 4,756,664,386 | 314,238,911 | 15,393,736 | 1,016,954 | 6.6 |
| 1859. | 47 | 67,921,714 | 6,448,005,956 | 363,984,683 | 20,867,333 | 1,177,944 | 5.6 |
| 1860. | 50 | 69,907,435 | 7,231,143,057 | 380,693,438 | 23,401,757 | 1,232,018 | 5.3 |
| 1861. | 50 | 68,900,605 | 5,915,742,758 | 353,383,944 | 19,269,520 | 1,151,088 | 6.0 |
| 1862. | 50 | 68,375,820 | 6,871,443,591 | 415,530,331 | 22,237,682 | 1,344,758 | 6.0 |
| 1863. | 50 | 68,972,508 | 14,867,597,849 | 677,626,483 | 48,428,658 | 2,207,252 | 4.6 |
| 1864. | 49 | 68,586,763 | 24,097,196,656 | 885,719,205 | 77,984,455 | 2,866,405 | 3.7 |
| 1865. | 55 | 80,363,013 | 26,032,384,342 | 1,035,765,108 | 84,796,040 | 3,373,828 | 4.0 |
| 1866. | 58 | 82,370,200 | 23,717,146,914 | 1,066,135,106 | 93,541,195 | 3,472,753 | 3.7 |
| 1867. | 58 | 81,770,200 | 28,675,150,472 | 1,144,963,451 | 93,101,167 | 3,717,414 | 4.0 |
| 1868. | 59 | 82,270,200 | 28,484,288,637 | 1,125,455,237 | 92,182,164 | 3,642,250 | 4.0 |
| 1869. | 59 | 82,720,200 | 37,407,028,987 | 1,120,318,308 | 121,451,393 | 3,637,397 | 3.0 |
| 1870. | 61 | 83,620,200 | 27,804,539,406 | 1,036,484,822 | 90,274,479 | 3,365,210 | 3.7 |
| 1871. | 62 | 84,420,200 | 29,300,986,682 | 1,209,721,029 | 95,133,074 | 3,927,666 | 4.1 |
| 1872. | 61 | 84,220,200 | 32,636,997,404 | 1,213,293,827 | 105,964,277 | 3,989,266 | 3.7 |
| 1873. | 59 | 83,370,200 | 33,972,773,943 | 1,152,372,108 | 111,022,137 | 3,765,922 | 3.4 |
| 1874. | 59 | 81,635,200 | 20,850,681,963 | 971,231,281 | 68,139,484 | 3,173,958 | 4.7 |
| 1875. | 59 | 80,435,200 | 23,042,276,858 | 1,104,346,845 | 75,301,558 | 3,608,977 | 4.8 |
| 1876. | 59 | 81,731,200 | 19,874,815,361 | 1,009,532,037 | 64,738,812 | 3,288,331 | 5.1 |
| 1877. | 58 | 71,085,200 | 20,876,555,937 | 1,015,256,483 | 68,447,724 | 3,328,710 | 4.9 |
| 1878. | 57 | 63,611,500 | 19,922,733,947 | 951,970,454 | 65,106,974 | 3,111,015 | 4.8 |
| | | 172,674,670 | 2474,138,972,237 | 19,835,157,113 | 161,705,866 | 12,531,591 | 4.2 |

¹ Yearly averages for twenty-five years.² Totals for twenty-five years.

Railroad Land Sales—Partial Statement, 1874-1878.

[From Circulars of Dun, Barlow & Co.]

| | 1874. | 1875. | 1876. | 1877. | 1878. |
|-----------------------------------|---------|---------|---------|-----------|-----------|
| | Acres. | Acres. | Acres. | Acres. | Acres. |
| Athlison, Topeka & Santa Fe | 300,459 | 75,415 | 126,577 | 85,047 | 265,000 |
| Burlington & Mo. River..... | | | | | 531,301 |
| Chic., St. Paul & Minneapolis | 31,243 | 23,726 | 20,823 | 33,916 | 61,682 |
| Denver Pacific..... | | | | 26,101 | 84,523 |
| Hastings & Dakota..... | 23,824 | 25,880 | 18,450 | 12,658 | 15,775 |
| Kansas Pacific..... | 35,328 | 61,286 | 74,554 | 135,993 | 200,727 |
| Little Rock & Fort Smith.... | 4,064 | 9,665 | 39,409 | 40,102 | 59,573 |
| Northern Pacific..... | 50,335 | | | 514,462 | 751,858 |
| Southern Minnesota | | | | 2,301 | 7,437 |
| St. Paul & Sioux City..... | 42,324 | 46,186 | 38,077 | 61,963 | 153,232 |
| St. Paul & Pacific..... | | | | | 150,000 |
| Union Pacific..... | 235,749 | 111,905 | 129,696 | 69,015 | 318,400 |
| Wisconsin Central..... | | | 1,455 | 19,718 | 21,186 |
| Total, 13 railroad companies..... | | | | 1,006,266 | 2,570,744 |

In the State of Minnesota, sales of railroad lands amounted to 430,900 acres in eleven months of 1878, against 223,639 in corresponding months of 1877.

In Texas, where land absorption by actual settlers is going forward with unprecedented rapidity, the land sales by the State were, in 1873, 1,550,000 acres; in 1877, 3,500,000 acres; and in 1878 (estimated), 3,800,000 acres.

In Nebraska, which holds some ten and a half million acres of public lands donated to the State for school purposes, 100,918 acres were leased in 1878 to actual settlers, at a rental of six per cent. on appraised value.

Michigan sold 802,291 acres of her public lands in the two years 1877-78, and still holds 2,787,998 acres undisposed of.

THE BALANCE OF TRADE FOR 22 YEARS, 1856-1877.

From the Financial Review, 1877, with Additions.

For the purpose of showing the total amount of exports and imports of merchandise and the total of specie in each year since 1856, the table below has been compiled. In the columns headed "Excess" are given the differences between exports and imports each year, showing at a glance the "trade balance" of the country.

Gold Value of Imports and Exports of Merchandise and Specie into and from the United States in each Fiscal Year since 1856.

| YEAR. | MERCHANDISE. | | | SPECIE. | | |
|---------|--------------|-------------|-----------------|------------|-------------|----------------|
| | Imports. | Exports. | Excess. | Imports. | Exports. | Excess. |
| | \$ | \$ | \$ | \$ | \$ | \$ |
| 1856... | 310,432,310 | 281,219,423 | Im. 29,212,887 | 4,207,632 | 58,929,651 | Ex. 41,537,853 |
| 1857... | 348,428,342 | 293,823,760 | Im. 54,604,582 | 12,461,799 | 74,995,399 | Ex. 56,675,123 |
| 1858... | 263,338,654 | 272,011,274 | Ex. 8,672,620 | 19,274,496 | 63,667,467 | Ex. 33,358,651 |
| 1859... | 331,333,341 | 292,901,051 | Im. 38,432,290 | 7,434,789 | 72,019,976 | Ex. 56,453,622 |
| 1860... | 353,616,119 | 333,576,057 | Im. 20,040,062 | 8,550,135 | 66,546,239 | Ex. 57,996,104 |
| 1861... | 289,310,542 | 219,553,833 | Im. 69,756,709 | 46,339,611 | 29,791,080 | Im. 16,548,531 |
| 1862... | 189,356,677 | 190,670,501 | Ex. 1,313,824 | 16,415,052 | 36,887,640 | Ex. 20,472,588 |
| 1863... | 243,335,815 | 203,964,997 | Im. 39,370,818 | 9,584,105 | 64,156,611 | Ex. 56,571,956 |
| 1864... | 316,447,283 | 158,887,988 | Im. 157,559,295 | 13,115,612 | 105,396,541 | Ex. 92,280,929 |
| 1865... | 238,745,580 | 162,013,500 | Im. 76,732,082 | 9,810,072 | 67,643,226 | Ex. 57,833,154 |
| 1866... | 434,812,066 | 348,859,522 | Im. 85,952,544 | 10,700,092 | 86,044,071 | Ex. 75,343,979 |
| 1867... | 395,763,100 | 297,303,653 | Im. 98,459,447 | 22,070,475 | 60,868,372 | Ex. 38,797,897 |
| 1868... | 357,436,440 | 281,952,899 | Im. 75,483,541 | 14,188,368 | 93,784,102 | Ex. 79,595,734 |
| 1869... | 417,506,379 | 286,117,697 | Im. 131,388,682 | 19,807,876 | 57,138,380 | Ex. 37,330,504 |
| 1870... | 435,958,408 | 392,771,768 | Im. 43,186,640 | 26,419,179 | 58,155,666 | Ex. 31,736,487 |
| 1871... | 520,223,684 | 442,820,178 | Im. 77,403,506 | 21,270,024 | 98,441,988 | Ex. 77,171,964 |
| 1872... | 626,595,077 | 444,177,586 | Im. 182,417,491 | 13,743,689 | 79,877,534 | Ex. 66,133,845 |
| 1873... | 642,136,210 | 522,479,317 | Im. 119,656,288 | 21,480,937 | 84,608,574 | Ex. 63,127,637 |
| 1874... | 567,406,342 | 586,283,040 | Ex. 18,876,698 | 28,454,906 | 56,630,405 | Ex. 28,175,499 |
| 1875... | 533,005,436 | 513,441,711 | Im. 19,563,725 | 20,900,727 | 92,132,142 | Ex. 71,231,425 |
| 1876... | 460,741,191 | 540,384,671 | Ex. 79,623,480 | 15,936,681 | 56,506,302 | Ex. 40,569,621 |
| 1877... | 451,323,126 | 602,475,220 | Ex. 152,152,094 | 40,774,414 | 56,162,237 | Ex. 15,387,753 |
| 1878... | 437,051,532 | 694,848,496 | Ex. 257,796,964 | 29,821,314 | 33,733,225 | Ex. 3,911,911 |

Value and Percentage of Agricultural Products (including Products of the Forest) Exported from the United States for each Year from 1850 to 1878.

[From the Quarterly Report of the Bureau of Statistics, No. 4, 1878.]

| Year ending June 30. | Total domestic exports. | Total exports of agricultural products. | Percentage of agricultural products to total domestic exports. | Year ending June 30. | Total domestic exports. | Total exports of agricultural products. | Percentage of agricultural products to total domestic exports. |
|----------------------|-------------------------|---|--|----------------------|-------------------------|---|--|
| | \$ | \$ | | | \$ | \$ | |
| 1850.. | 136,946,912 | 123,825,808 | 90.44 | 1865.. | 323,743,187 | 207,232,749 | 64.01 |
| 1851.. | 196,689,718 | 165,828,736 | 85.69 | 1866.. | 550,684,277 | 416,157,242 | 75.58 |
| 1852.. | 192,368,984 | 144,037,465 | 74.85 | 1867.. | 438,577,312 | 330,413,246 | 75.35 |
| 1853.. | 213,417,697 | 176,589,418 | 82.74 | 1868.. | 454,301,713 | 319,004,531 | 70.22 |
| 1854.. | 252,047,806 | 195,258,953 | 77.48 | 1869.. | 413,761,115 | 311,756,665 | 75.32 |
| 1855.. | 246,708,553 | 175,385,328 | 71.09 | 1870.. | 409,092,143 | 391,269,605 | 79.01 |
| 1856.. | 310,586,330 | 248,091,084 | 79.91 | 1871.. | 562,518,651 | 397,963,220 | 70.75 |
| 1857.. | 338,985,065 | 260,139,925 | 76.75 | 1872.. | 549,219,718 | 407,141,706 | 74.13 |
| 1858.. | 293,758,279 | 232,478,953 | 79.49 | 1873.. | 649,132,563 | 493,962,697 | 76.00 |
| 1859.. | 335,894,333 | 258,449,990 | 76.96 | 1874.. | 633,039,054 | 550,043,638 | 79.37 |
| 1860.. | 373,189,274 | 295,081,484 | 78.61 | 1875.. | 643,094,767 | 479,893,212 | 74.63 |
| 1861.. | 228,699,486 | 180,516,442 | 82.46 | 1876.. | 644,956,406 | 514,339,866 | 81.20 |
| 1862.. | 213,069,519 | 160,821,597 | 75.50 | 1877.. | 676,115,592 | 517,737,998 | 76.58 |
| 1863.. | 305,884,998 | 215,273,568 | 70.36 | 1878.. | 722,779,499 | 592,475,813 | 81.98 |
| 1864.. | 320,035,199 | 183,356,276 | 57.29 | | | | |

Foreign Trade of the United States by States and Territories during the Fiscal Year ended June 30, 1878.

[From the Quarterly Report of the Bureau of Statistics, No. 4, 1878.]

| STATES AND TERRITORIES. | EXPORTS. | | | IMPORTS. | TOTAL COMMERCE. |
|--------------------------|-------------|------------|-------------|-------------|-----------------|
| | Domestic. | Foreign. | Total. | | |
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| Maine | 5,583,640 | 307,325 | 5,890,965 | 1,592,592 | 7,483,557 |
| New Hampshire... | 5,811 | ..... | 5,811 | 19,777 | 25,588 |
| Vermont | 1,445,632 | ..... | 1,445,632 | 3,484,749 | 4,930,381 |
| Massachusetts | 46,653,219 | 1,431,728 | 48,084,947 | 40,679,714 | 88,764,661 |
| Rhode Island | 20,719 | ..... | 20,719 | 148,848 | 169,567 |
| Connecticut | 3,642,418 | 5,454 | 3,647,872 | 1,379,861 | 5,027,733 |
| New York | 344,301,391 | 12,999,986 | 357,301,377 | 328,072,688 | 685,374,065 |
| Pennsylvania | 44,564,790 | 44,755 | 44,609,545 | 19,404,322 | 64,013,867 |
| New Jersey | 734,572 | ..... | 734,572 | 30,596 | 765,168 |
| Delaware | 28,002 | ..... | 28,002 | 1,750 | 29,752 |
| Maryland | 45,492,527 | 140,994 | 45,633,521 | 16,938,628 | 62,572,149 |
| Dist. of Columbia | 10,056 | ..... | 10,056 | 6,113 | 16,169 |
| Virginia | 11,126,622 | 12,600 | 11,139,222 | 242,125 | 11,381,347 |
| North Carolina | 5,063,784 | 324 | 5,064,108 | 84,169 | 5,148,277 |
| South Carolina | 19,061,971 | ..... | 19,061,971 | 189,037 | 19,251,008 |
| Georgia | 19,689,322 | 483 | 19,689,805 | 507,206 | 20,197,011 |
| Florida | 3,081,903 | 219 | 3,082,122 | 724,326 | 3,806,448 |
| Alabama | 9,487,774 | ..... | 9,487,774 | 1,218,442 | 10,706,216 |
| Mississippi | 394,065 | ..... | 394,065 | 995 | 395,060 |
| Louisiana | 85,273,286 | 221,587 | 85,594,873 | 11,253,255 | 96,848,108 |
| Texas | 14,500,468 | 1,168,798 | 15,669,266 | 4,230,551 | 19,899,817 |
| Minnesota | 809,147 | 129,312 | 938,459 | 682,448 | 1,620,907 |
| Wisconsin | 2,267,688 | ..... | 2,267,688 | 27,591 | 2,295,279 |
| Illinois and Ind'a | 3,765,555 | 16,044 | 3,781,599 | 399,920 | 4,181,519 |
| Michigan | 10,348,913 | 380,750 | 10,729,663 | 2,157,111 | 12,886,774 |
| Ohio | 3,034,204 | ..... | 3,034,204 | 184,602 | 3,218,806 |
| California | 35,497,843 | 3,970,637 | 39,468,510 | 32,629,280 | 72,097,790 |
| Oregon | 6,229,967 | 1,588 | 6,231,555 | 498,449 | 6,730,004 |
| Washington Ter. | 565,790 | ..... | 565,790 | 30,962 | 596,752 |
| Alaska ..... | ..... | ..... | ..... | 2,148 | 2,148 |
| Mont'a and Idaho ..... | ..... | 3,844 | 3,844 | 100,591 | 104,435 |
| Total | 722,771,399 | 20,884,438 | 743,655,837 | 466,872,846 | 1,210,478,683 |

AGRICULTURE IN EUROPE.

EUROPEAN statistics of agriculture are strikingly deficient. The aggregate amount and value of the great staple crops (as cereals, etc.) of each country are nowhere to be found. Even in Great Britain, where a careful official statement of the acreage of different crops, or the area of land under cultivation, has been published annually for many years, there are no statistics of the annual yield, either as to quantity or value of the crops produced. An attempt to remedy this want was made by the International Statistical Congress at St. Petersburg, in 1872. The statistical corps of the French government was empowered to collect the international statistics of agriculture, and the result of direct inquiries addressed to the statistical authorities of Europe has been published. Though far from complete, the information gathered presents quite interesting figures. The leading facts ascertained, though only partly official (the rest being estimated), are summarized on p. 232, from the Report of the U. S. Commissioner of Agriculture.

The average annual production of cereals of all sorts in Europe is estimated at 5,153,808,000 bushels, of which 1,657,392,000 bushels, or nearly a third, are assigned to Russia; 766,260,000 bushels, or nearly 15 per cent., to Germany; 709,500,000 bushels, or nearly 14 per cent., to France; 567,600,000 bushels, or over 11 per cent., to Austria-Hungary. The production of the United States in 1873 is set down at 1,588,442,000 bushels, an aggregate nearly equal to that of Russia. Europe produces a little over 17 bushels *per capita* of her population; the United States, in 1873, about 39½ bushels *per capita*.

Estimating the average consumption at 15.6 bushels *per capita* for food, seed, and various manufactures, Europe produces about enough to meet her own demand except in wheat and some other breadstuffs, which exhibit a considerable deficiency to be supplied by importation.

Of potatoes, Ireland produces 23 bushels *per capita*; the German Empire, 18.1; Holland, 14.5; Belgium, 11.6; France, 10.2; Scandinavia, 9.9; Austria-Hungary, 8½; Russia and Finland, 4½; Great Britain, 3½; Italy, 1.1; Portugal, 0.85; Spain, 0.28. In the other states this culture is still more insignificant.

STATISTICS OF AMERICAN AGRICULTURE.

THE following statistics of the agricultural products of the United States represent the leading crops for a series of years since 1870. For the year 1869 we have the figures of the census of 1870, which are the result of a detailed enumeration taken by the United States marshals and their deputies as to the amount of land under tillage, and the quantity of each crop produced during the agricultural year 1869. The figures here given for each year since do not represent a census of agriculture, but the estimates made up by the Department of Agriculture from the returns received through its correspondents in all parts of the country. These correspondents estimate the area in specific crops, and from their own experience and judgment form an opinion of the condition of the plant of each crop from month to month, and ultimately of the quantities produced. These returns are recorded, and the records prepared by counties are summed up and averaged at the Agricultural Department, and the averages corrected by a duplicate record, in which the difference in the productive value of the counties is considered. To cite the language of the Report of the Commissioner of Agriculture, "the corrected result stands as an average, not inevitably of the whole State, but of such portion, half or two thirds, or whatever area is reported of the entire State." While the results cannot possess the authority of an accurate census, they are all that we have since 1870, except in a few States where agricultural statistics are collected by law.

Crops of Principal Cereals in the United States, 1870-1877.

[Condensed from the Reports of the Commissioner of Agriculture.]

1. Indian Corn.

| Years. | Bushels. | Acres. | Value. | Yield per acre. | Average price. | Value per acre. |
|---------------|---------------|-------------|---------------|-----------------|----------------|-----------------|
| | | | Dollars. | | Cents. | Dollars. |
| 1870..... | 1,094,255,000 | 38,646,977 | 601,839,030 | 28.3 | 54.9 | 15 57 |
| 1871..... | 991,898,000 | 34,091,137 | 478,275,900 | 29.1 | 48.2 | 14 02 |
| 1872..... | 1,092,719,000 | 35,526,836 | 435,149,290 | 30.7 | 39.8 | 12 24 |
| 1873..... | 932,274,000 | 39,197,148 | 447,183,020 | 23.8 | 48.0 | 11 41 |
| 1874..... | 850,148,500 | 41,036,918 | 550,043,080 | 20.7 | 64.7 | 13 40 |
| 1875..... | 1,321,069,000 | 44,841,371 | 555,445,930 | 29.4 | 42.0 | 12 38 |
| 1876..... | 1,283,827,500 | 49,033,364 | 475,491,210 | 26.1 | 37.0 | 9 69 |
| 1877..... | 1,342,558,000 | 50,369,113 | 480,643,400 | 26.6 | 35.8 | 9 54 |
| Total..... | 8,908,749,000 | 332,742,864 | 4,024,070,860 | .... | .... | .... |
| Ann'al Av'ge. | 1,113,593,625 | 41,592,858 | 503,008,857 | 26.7 | 45.1 | 12 09 |

2. Wheat.

| Years. | Bushels. | Acres. | Value. | Yield per acre. | Average price. | Value per acre. |
|---------------|---------------|-------------|---------------|-----------------|----------------|-----------------|
| | | | Dollars. | | Dollars. | Dollars. |
| 1870..... | 235,884,700 | 18,992,591 | 245,865,045 | 12.4 | 1 04.2 | 12 94 |
| 1871..... | 230,722,400 | 19,943,893 | 290,411,820 | 11.5 | 1 25.8 | 14 53 |
| 1872..... | 249,997,100 | 20,858,359 | 310,180,375 | 11.9 | 1 24.0 | 14 87 |
| 1873..... | 281,254,700 | 22,171,676 | 323,594,805 | 12.7 | 1 15.0 | 14 50 |
| 1874..... | 308,102,700 | 24,967,027 | 291,107,895 | 12.3 | 94.4 | 11 66 |
| 1875..... | 292,136,000 | 26,381,512 | 294,580,990 | 11.0 | 1 00.0 | 11 16 |
| 1876..... | 289,356,500 | 27,627,021 | 300,259,300 | 10.4 | 1 03.7 | 10 88 |
| 1877..... | 365,094,800 | 26,193,407 | 395,155,375 | 13.9 | 1 08.2 | 15 08 |
| Total..... | 2,252,548,900 | 187,135,486 | 2,451,155,605 | .... | ..... | .... |
| Ann'al Av'ge. | 281,743,612 | 23,391,936 | 306,394,451 | 12.0 | 1 08.8 | 13 09 |

STATISTICS OF AMERICAN AGRICULTURE—Continued.

3. Oats.

| Years. | Bushels. | Acres. | Value. | Yield per acre. | Average price. | Value per acre. |
|--|---------------|------------|-------------|-----------------|----------------|-----------------|
| | | | Dollars. | Bushels. | Cents. | Dollars. |
| 1870..... | 247,277,400 | 8,792,395 | 107,136,710 | 28.1 | 43.3 | 12 13 |
| 1871..... | 255,743,000 | 8,365,809 | 102,570,030 | 30.5 | 40.1 | 12 26 |
| 1872..... | 271,747,000 | 9,000,769 | 91,315,710 | 30.1 | 33.6 | 10 14 |
| 1873..... | 270,340,000 | 9,751,700 | 101,175,750 | 27.7 | 37.4 | 10 37 |
| 1874..... | 240,369,000 | 10,897,412 | 125,047,530 | 22.0 | 52.0 | 11 47 |
| 1875..... | 354,317,500 | 11,915,075 | 129,499,930 | 29.7 | 36.5 | 10 86 |
| 1876..... | 320,884,000 | 13,358,908 | 112,865,900 | 24.0 | 35.1 | 8 44 |
| 1877..... | 406,394,000 | 12,826,148 | 118,661,550 | 31.6 | 29.2 | 9 25 |
| Total..... | 2,367,071,900 | 84,908,216 | 888,273,110 | .... | .... | .... |
| Ann'al Av'ge. | 295,883,990 | 10,613,527 | 111,034,139 | 27.9 | 38.4 | 10 56 |
| 4. Barley : ann. av., 8 years..... | 31,814,724 | 1,477,509 | 25,032,158 | 21.5 | 73.8 | 16 97 |
| 5. Rye : ann. av., 8 years | 16,890,950 | 1,225,307 | 12,543,888 | 13.7 | 73.2 | 10 33 |
| 6. Buckw'ht : ann. av., 8 years..... | 9,010,737 | 524,755 | 6,927,429 | 17.1 | 73.8 | 13 20 |
| Potatoes : ann. av., 8 yrs, 1870-77 | 127,827,337 | 1,440,856 | 74,290,614 | 88.7 | 53.1 | 52.04 |
| Hay : crop of 1877, tons.. | 31,629,300 | 25,367,708 | 271,934,950 | 1.24 | \$8.60 | 10.72 |
| Cotton : crop of '77, bales | 4,750,000 | 12,056,855 | 209,000,000 | lbs. 176 | cts. 10.0 | 17.60 |

Table showing the average cash value per acre of the principal crops of the farm, taken together, in each State, for the year 1877.

[From the Report of the Commissioner of Agriculture for 1877.]

| STATES. | Av'ge value per acre. | STATES. | Av'ge value per acre. | STATES. | Av'ge value per acre. |
|--------------------|-----------------------|--------------------|-----------------------|--|-----------------------|
| Maine..... | \$13 49 | South Carolina.... | \$7 97 | Indiana..... | \$11 42 |
| N. Hampshire.... | 17 03 | Georgia..... | 8 18 | Illinois..... | 10 04 |
| Vermont..... | 13 18 | Florida..... | 9 32 | Wisconsin..... | 11 10 |
| Massachusetts.... | 17 54 | Alabama..... | 8 25 | Minnesota..... | 12 79 |
| Rhode Island..... | 23 50 | Mississippi..... | 9 77 | Iowa..... | 9 03 |
| Connecticut..... | 21 43 | Louisiana..... | 9 86 | Missouri..... | 9 68 |
| New York..... | 14 79 | Texas..... | 11 45 | Kansas..... | 8 39 |
| New Jersey..... | 19 06 | Arkansas..... | 10 51 | Nebraska..... | 7 89 |
| Pennsylvania..... | 14 30 | Tennessee..... | 9 73 | California..... | 13 73 |
| Delaware..... | 13 65 | W. Virginia..... | 12 46 | Oregon..... | 20 75 |
| Maryland..... | 15 39 | Kentucky..... | 10 46 | Nevada, Colorado, and the Territo- ries..... | 18 13 |
| Virginia..... | 9 96 | Ohio..... | 13 34 | | |
| North Carolina.... | 8 01 | Michigan..... | 15 63 | | |

LEADING AGRICULTURAL CROPS IN EUROPE.

| COUNTRIES. | Date of Statistics. | Total Area. | Land under Tillage. | WHEAT. | RYE. | BARLEY. | OATS. | POTATOES. | Average yield of Wheat per acre. |
|--------------------------|---------------------|---------------|---------------------|-----------------|-----------------|-----------------|-----------------|-------------|----------------------------------|
| | | <i>Acres.</i> | <i>Acres.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | <i>Bushels.</i> | | <i>Bv.</i> |
| 1. Austria..... | 1871 | 74,180,173 | 22,278,812 | 35,945,669 | 74,407,438 | 46,284,017 | 91,486,937 | 178,433,626 | 15.6 |
| 2. Baden..... | 1873 | 8,774,355 | 1,498,969 | 4,347,248 | 1,263,478 | 3,343,164 | 8,188,777 | 20,433,600 | 16.9 |
| 3. Bavaria..... | 1873 | 19,360,648 | 7,686,407 | 21,628,587 | 24,550,563 | 17,501,814 | 25,897,914 | 59,778,270 | 22.2 |
| 4. Belgium..... | 1873 | 7,278,873 | 3,926,704 | 24,683,369 | 18,867,382 | 3,565,090 | 27,777,248 | 60,808,441 | 27.9 |
| 5. Denmark..... | 1871 | 9,448,691 | 3,434,925 | ..... | ..... | ..... | 27,564,563 | 14,625,660 | 19.5 |
| 6. Finland..... | 1870 | 98,371,255 | 1,981,659 | 53,923 | 9,094,840 | 4,984,880 | 4,832,960 | 7,095,000 | 17.8 |
| 7. France..... | 1873 | 180,733,531 | 64,984,190 | 237,958,063 | 58,971,844 | 53,163,783 | 192,677,463 | 374,216,238 | 17.1 |
| 8. Great Britain..... | 1873 | 57,623,333 | 18,317,276 | 104,512,354 | 1,779,426 | 91,518,013 | 123,248,640 | 86,233,261 | 29.9 |
| 9. Ireland..... | 1873 | 20,811,357 | 6,283,923 | 3,871,032 | 178,510 | 8,885,154 | 57,038,502 | 124,508,304 | 23 |
| 10. Greece..... | 1867 | 11,766,143 | ..... | 5,102,894 | 123,009 | 2,059,506 | 300,028 | 18,390 | 13.5 |
| 11. Heese-Darmstadt..... | 1873 | 8,073,512 | 1,043,620 | 278,188 | 2,239,660 | 3,179,908 | 2,729,146 | 15,251,505 | 39.0 |
| 12. Holland..... | 1873 | 8,123,300 | 2,437,083 | 5,298,650 | 8,187,443 | 4,699,546 | 11,116,821 | 53,309,455 | 24.8 |
| 13. Hungary..... | 1873 | 80,027,559 | 27,966,121 | ..... | ..... | ..... | 41,374,609 | 136,520,764 | 12.6 |
| 14. Italy..... | ..... | 64,060,665 | ..... | 107,831,080 | 8,740,887 | 13,821,218 | ..... | 29,696,724 | ..... |
| 15. Norway..... | 1873 | 78,663,021 | 1,570,631 | ..... | ..... | ..... | 9,638,106 | 18,847,594 | 23.8 |
| 16. Portugal..... | 1865 | 23,508,508 | 4,551,400 | 5,694,696 | 6,240,450 | 1,995,663 | 568,419 | 3,735,041 | 13.2 |
| 17. Prussia..... | 1867 | 85,788,437 | ..... | 73,731,408 | 173,485,733 | 86,742,609 | 227,434,923 | 569,730,471 | 17.6 |
| 18. Roumania..... | 1873 | 29,893,683 | 8,636,770 | ..... | ..... | ..... | 8,449,464 | 380,292 | 13.8 |
| 19. Russia..... | 1870 | 1,268,800,982 | 190,579 | 231,714,910 | 616,964,569 | 124,255,047 | 590,746,010 | 328,906,518 | 28.7 |
| 20. Saxe-Altenburg..... | 1873 | 326,558 | 435,019 | 1,175,846 | 1,175,846 | 866,818 | 1,903,390 | 2,071,353 | 17.3 |
| 21. Saxe-Weimar..... | 1873 | 890,700 | 498,605 | 792,611 | 1,767,136 | 1,988,663 | 2,538,874 | 5,261,894 | 27 |
| 22. Saxony..... | 1873 | 8,701,070 | 1,863,328 | ..... | ..... | ..... | 3,969,845 | 41,304,494 | ..... |
| 23. Servia..... | 1868 | 10,762,878 | ..... | 4,086,720 | 510,849 | 3,065,040 | 610,840 | ..... | ..... |
| 24. Spain..... | 1857 | 130,338,666 | 157,563,873 | 117,563,873 | 25,511,715 | 58,471,963 | ..... | 6,356,010 | 16.1 |
| 25. Sweden..... | 1872 | 110,629,417 | 2,455,429 | 2,455,429 | 15,985,026 | 12,574,379 | 31,945,516 | 44,704,176 | ..... |
| 26. Switzerland..... | 1868 | 10,324,908 | 2,145,528 | 2,145,528 | 8,681,680 | 1,480,352 | 5,212,738 | ..... | ..... |
| 27. Turkey..... | 1868 | 89,937,183 | 40,867,200 | 40,867,200 | 10,210,800 | 25,542,000 | 3,085,040 | ..... | ..... |
| 28. Württemberg..... | 1873 | 4,908,571 | 2,098,593 | 7,274,186 | 1,633,485 | 6,898,658 | 9,269,333 | 19,860,784 | 10.6 |
| United States..... | 1877 | 2,184,000,000 | 200,000,000 | 384,194,186 | 21,170,100 | 34,441,400 | 406,394,000 | 170,092,000 | 13.5 |

NATIONAL BANKS OF THE UNITED STATES IN 1873.

[From the Report of the Comptroller of the Currency, December, 1873.]

THE following table exhibits the resources and liabilities of all the national banks at the close of business on the first day of October, 1873—the date of their last report.

| | New York City. | Boston, Philadel- phia and Baltimore. | Other Banks. | Aggregate. |
|---|--------------------|--|----------------------|----------------------|
| | 47 banks. | 99 banks. | 1,907 banks. | 2,053 banks. |
| RESOURCES. | \$ | \$ | \$ | \$ |
| Loans and discounts..... | 7,003,085 | 1,140,581 | 430,184,396 | 830,521,542 |
| On U. S. bonds on demand.... | 57,904,202 | 19,766,710 | 735,243 | ..... |
| On other stocks, bonds, etc., on demand..... | 6,732,181 | 8,053 | 7,874,762 | ..... |
| Payable in gold..... | 17,297,474 | 10,593,112 | 1,247,996 | ..... |
| On single-name paper without other security..... | 80,629,085 | 120,039,184 | 6,699,583 | ..... |
| All other loans..... | 130,973 | 81,090 | 62,609,942 | ..... |
| Overdrafts..... | 24,195,500 | 50,113,200 | 3,254,845 | 3,466,908 |
| Bonds for circulation..... | 26,715,550 | 6,402,300 | 273,247,950 | 347,556,650 |
| Bonds for deposits..... | 11,463,900 | 7,903,450 | 14,819,000 | 47,986,850 |
| U. S. bonds on hand..... | 9,193,664 | 3,726,212 | 27,418,250 | 46,785,600 |
| Other stocks and bonds..... | ..... | 16,375,643 | 23,089,659 | 36,859,535 |
| Due from reserve agent..... | 11,366,000 | 8,636,970 | 68,707,776 | 85,083,419 |
| Due from other national banks..... | 2,961,207 | 894,272 | 21,489,949 | 41,492,910 |
| Due from other banks and bank- ers..... | 9,463,820 | 7,082,599 | 8,439,129 | 12,314,698 |
| Real estate, furniture and fix- tures..... | 995,333 | 780,220 | 30,154,117 | 46,702,476 |
| Current expenses..... | 1,767,167 | 1,021,048 | 4,497,014 | 6,272,567 |
| Premiums..... | 1,765,188 | 874,554 | 4,346,521 | 7,134,786 |
| Checks and other cash items..... | 62,454,792 | 15,148,067 | 8,342,691 | 10,982,433 |
| Exchanges for clearing-house..... | 1,560,623 | 2,523,054 | 4,769,679 | 62,572,538 |
| Bills of other national banks..... | 67,708 | 36,187 | 12,846,044 | 16,929,721 |
| Fractional currency..... | 13,294,602 | 5,967,489 | 41,771 | 515,661 |
| Specie..... | 14,893,468 | 8,300,960 | 11,406,515 | 30,688,606 |
| Legal-tender notes..... | 21,660,000 | 7,370,000 | 41,234,202 | 64,428,600 |
| U. S. certificates of deposit..... | 1,073,505 | 2,178,355 | 3,660,000 | 32,690,000 |
| Five per cent. redemption fund..... | 147,702 | 265,308 | 11,953,681 | 15,205,541 |
| Due from U. S. Treasury..... | ..... | ..... | 925,128 | 1,388,183 |
| Totals..... | 854,778,767 | 297,224,523 | 1,085,275,843 | 1,767,279,133 |
| LIABILITIES. | | | | |
| Capital stock..... | 53,800,000 | 78,526,310 | 333,821,126 | 486,147,436 |
| Surplus fund..... | 15,920,280 | 19,968,943 | 51,008,607 | 116,897,780 |
| Undivided profits..... | 8,659,800 | 3,899,816 | 28,376,597 | 40,936,213 |
| National-bank notes outstanding..... | 20,025,861 | 42,966,571 | 238,875,660 | 301,668,092 |
| State bank notes outstanding..... | 73,339 | 80,757 | 259,817 | 413,913 |
| Dividends unpaid..... | 190,705 | 1,087,472 | 1,890,218 | 3,118,390 |
| Individual deposits..... | 172,441,669 | 106,863,331 | 338,981,177 | 620,236,177 |
| U. S. deposits..... | 26,090,297 | 6,255,785 | 9,308,730 | 41,654,812 |
| Deposits of U. S. disbursing offi- cers..... | 131,225 | 20,271 | 3,191,299 | 3,342,795 |
| Due to national banks..... | 68,125,941 | 27,787,067 | 26,583,506 | 122,496,514 |
| Due to other banks and bankers..... | 19,311,700 | 6,591,905 | 16,733,098 | 42,636,703 |
| Notes and bills re-discounted..... | ..... | 37,537 | 2,969,788 | 3,007,325 |
| Bills payable..... | 8,000 | 1,168,758 | 3,326,225 | 4,502,983 |
| Totals..... | 884,778,767 | 297,224,523 | 1,085,275,843 | 1,767,279,133 |

NATIONAL BANKS BY STATES, NOVEMBER, 1878.

[From the Report of the Comptroller of the Currency, December, 1878.]

| STATES AND TERRITORIES. | In oper- ation. | Capital paid in. | Bonds on deposit. | Circulation issued. | Circulation redeemed. | Circulation outstanding. |
|--|--------------------|---------------------|----------------------|------------------------|--------------------------|-----------------------------|
| Maine..... | 72 | \$10,660,000 | \$9,626,250 | \$20,538,580 | \$11,738,656 | \$8,799,924 |
| New Hampshire.... | 46 | 5,740,000 | 5,769,000 | 12,118,075 | 6,923,328 | 5,194,747 |
| Vermont..... | 47 | 8,533,000 | 7,662,500 | 18,979,600 | 11,627,166 | 7,352,434 |
| Massachusetts..... | 237 | 95,407,000 | 72,221,950 | 166,473,645 | 102,777,080 | 63,696,565 |
| Rhode Island..... | 61 | 20,009,800 | 14,254,400 | 35,026,715 | 21,976,505 | 13,051,210 |
| Connecticut..... | 82 | 25,504,620 | 20,323,700 | 47,555,410 | 29,564,017 | 17,991,393 |
| Totals, Eastern States | 545 | 165,854,420 | 129,857,800 | 300,692,025 | 184,606,752 | 116,085,273 |
| New York..... | 280 | 90,689,691 | 55,766,300 | 169,862,715 | 118,990,888 | 50,871,827 |
| New Jersey..... | 69 | 13,858,350 | 12,626,350 | 29,531,520 | 18,172,195 | 11,359,325 |
| Pennsylvania..... | 235 | 55,909,840 | 46,677,650 | 109,208,135 | 66,960,830 | 42,247,305 |
| Delaware..... | 14 | 1,763,985 | 1,549,200 | 3,432,665 | 2,000,605 | 1,432,060 |
| Maryland..... | 32 | 12,865,010 | 7,821,000 | 22,314,450 | 14,614,276 | 7,700,174 |
| Totals, Middle States | 630 | 175,086,876 | 124,440,500 | 334,349,485 | 220,738,794 | 113,610,601 |
| Dist. of Columb.. | 7 | 1,507,000 | 1,155,000 | 3,549,600 | 2,459,001 | 1,090,599 |
| Virginia..... | 18 | 3,285,000 | 2,529,850 | 7,226,270 | 4,865,578 | 2,360,692 |
| West Virginia..... | 15 | 1,756,000 | 1,458,000 | 4,941,430 | 3,393,022 | 1,548,408 |
| North Carolina..... | 15 | 2,551,000 | 1,764,000 | 3,986,200 | 2,272,720 | 1,713,480 |
| South Carolina..... | 12 | 2,851,100 | 1,490,000 | 3,580,325 | 2,230,960 | 1,349,365 |
| Georgia..... | 12 | 2,041,000 | 1,925,000 | 4,817,790 | 2,891,381 | 1,926,409 |
| Florida..... | 1 | 50,000 | 50,000 | 59,500 | 15,700 | 43,800 |
| Alabama..... | 10 | 1,658,000 | 1,621,000 | 2,990,130 | 1,511,142 | 1,478,988 |
| Mississippi..... | ..... | ..... | ..... | 66,000 | 65,389 | 611 |
| Louisiana..... | 7 | 3,475,000 | 1,820,000 | 6,557,760 | 4,533,224 | 2,024,536 |
| Texas..... | 11 | 1,100,000 | 680,000 | 1,686,420 | 1,149,415 | 537,005 |
| Arkansas..... | 2 | 205,000 | 205,000 | 531,900 | 280,307 | 251,593 |
| Kentucky..... | 48 | 9,936,500 | 8,546,350 | 18,039,495 | 9,812,155 | 8,227,340 |
| Tennessee..... | 25 | 3,080,300 | 2,754,500 | 6,400,280 | 3,832,947 | 2,567,333 |
| Missouri..... | 22 | 7,175,000 | 2,000,000 | 10,947,375 | 8,602,943 | 2,344,432 |
| Totals, Southern States | 205 | 40,670,900 | 27,998,700 | 75,380,475 | 47,915,884 | 27,464,591 |
| Ohio..... | 162 | 26,986,900 | 23,137,250 | 56,231,270 | 34,845,147 | 21,386,123 |
| Indiana..... | 94 | 15,026,530 | 12,918,500 | 34,542,755 | 22,144,156 | 12,398,599 |
| Illinois..... | 139 | 17,194,600 | 9,988,500 | 33,574,905 | 23,659,677 | 9,915,228 |
| Michigan..... | 79 | 9,514,500 | 6,275,750 | 16,253,190 | 10,255,860 | 5,997,330 |
| Wisconsin..... | 38 | 3,315,000 | 2,094,500 | 7,165,660 | 4,878,370 | 2,287,290 |
| Iowa..... | 76 | 5,927,000 | 4,557,000 | 12,427,740 | 8,038,221 | 4,389,519 |
| Minnesota..... | 31 | 4,968,700 | 2,679,400 | 7,124,660 | 4,502,396 | 2,622,264 |
| Kansas..... | 11 | 800,000 | 740,000 | 2,813,680 | 1,891,161 | 922,519 |
| Nebraska..... | 10 | 1,000,000 | 844,000 | 1,853,340 | 1,112,106 | 741,234 |
| Totals, Western States | 640 | 84,733,220 | 63,254,900 | 171,987,200 | 111,327,094 | 60,660,106 |
| Nevada..... | ..... | ..... | ..... | 131,700 | 128,587 | 3,113 |
| Oregon..... | 1 | 250,000 | 250,000 | 487,000 | 263,100 | 223,900 |
| Colorado..... | 13 | 1,235,000 | 823,000 | 1,611,920 | 868,639 | 743,281 |
| Utah..... | 1 | 200,000 | 50,000 | 614,930 | 545,874 | 69,056 |
| Idaho..... | 1 | 100,000 | 100,000 | 197,740 | 115,739 | 82,001 |
| Montana..... | 3 | 350,000 | 280,000 | 544,420 | 297,871 | 246,549 |
| Wyoming..... | 2 | 125,000 | 60,000 | 116,360 | 62,360 | 54,000 |
| New Mexico..... | 2 | 300,000 | 300,000 | 591,070 | 325,510 | 265,560 |
| Dakota..... | 3 | 175,000 | 110,000 | 155,530 | 56,530 | 99,000 |
| Washington..... | 1 | 150,000 | 50,000 | 45,000 | ..... | 45,000 |
| Totals, Pacific States and Territories..... | 27 | 2,885,000 | 2,023,000 | 4,495,670 | 2,664,210 | 1,831,460 |
| Gold Banks..... | 9 | 4,300,000 | 1,834,000 | 3,051,220 | 1,582,300 | 1,468,920 |
| Due for mutilated notes retired..... | ..... | ..... | ..... | ..... | ..... | 1,339,674 |
| Totals for all banks..... | 2,056 | 473,530,426 | 349,408,900 | 889,956,075 | 568,835,034 | 322,460,715 |

**CONDITION OF THE UNITED STATES NATIONAL BANKS,
1872-1878.**

From the Report of the Comptroller of the Currency, December, 1878.

THE following table exhibits the resources and liabilities of the national banks in operation at corresponding dates for the last seven years:

| | Oct. 3, 1872. | Sept. 12, 1873. | Oct. 2, 1874. | Oct. 1, 1875. | Oct. 2, 1876. | Oct. 1, 1877. | Oct. 1, 1878. |
|---|------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| | 1,919 banks. | 1,976 banks. | 2,004 banks. | 2,087 banks. | 2,089 banks. | 2,080 banks. | 2,053 banks. |
| RESOURCES. | | | | | | | |
| | <i>Millions.</i> | <i>Millions.</i> | <i>Millions.</i> | <i>Millions.</i> | <i>Millions.</i> | <i>Millions.</i> | <i>Millions.</i> |
| Loans..... | 877.2 | 944.2 | 954.4 | 984.7 | 981.3 | 981.9 | 831.0 |
| Bonds for circulation.. | 383.0 | 388.3 | 383.8 | 370.3 | 337.2 | 336.8 | 347.6 |
| Other U. S. bonds..... | 27.6 | 23.6 | 23.0 | 28.1 | 47.8 | 45.0 | 94.7 |
| Other stocks, bonds, etc. | 23.5 | 23.7 | 27.8 | 33.5 | 34.4 | 34.5 | 36.9 |
| Due from other banks. | 123.2 | 149.5 | 134.8 | 144.7 | 146.9 | 129.9 | 138.9 |
| Real estate..... | 32.3 | 34.7 | 38.1 | 43.4 | 43.1 | 45.2 | 46.7 |
| Specie..... | 10.2 | 19.9 | 21.2 | 8.1 | 21.4 | 22.7 | 30.7 |
| Legal-tender notes..... | 102.1 | 92.4 | 80.0 | 76.5 | 84.2 | 66.9 | 64.4 |
| National-bank notes... | 15.8 | 16.1 | 18.5 | 18.5 | 15.9 | 15.6 | 16.9 |
| Clearing-house ex- changes..... | 123.0 | 100.3 | 109.7 | 87.0 | 100.0 | 74.5 | 82.4 |
| U. S. certificates of de- posit..... | 6.7 | 20.6 | 42.8 | 43.8 | 20.2 | 33.4 | 32.7 |
| Due from U. S. Treas- urer..... | | | 20.3 | 19.6 | 16.7 | 16.0 | 16.5 |
| Other resources..... | 25.2 | 17.3 | 18.9 | 19.1 | 19.1 | 28.7 | 24.9 |
| Totals..... | 1,755.8 | 1,830.6 | 1,877.2 | 1,832.2 | 1,827.2 | 1,741.1 | 1,767.8 |
| LIABILITIES. | | | | | | | |
| Capital stock..... | 479.6 | 491.0 | 493.8 | 504.8 | 499.8 | 479.5 | 466.2 |
| Surplus fund..... | 110.3 | 120.3 | 129.0 | 134.4 | 132.2 | 122.8 | 116.9 |
| Undivided profits..... | 46.6 | 54.5 | 51.5 | 53.0 | 46.4 | 44.5 | 40.9 |
| Circulation..... | 333.1 | 340.3 | 334.2 | 319.1 | 292.2 | 291.9 | 301.9 |
| Due to depositors..... | 623.9 | 640.0 | 633.8 | 679.4 | 666.2 | 639.4 | 668.4 |
| Due to other banks..... | 143.8 | 173.0 | 175.8 | 179.7 | 179.8 | 161.6 | 165.1 |
| Other liabilities..... | 11.5 | 11.5 | 9.1 | 11.8 | 10.6 | 10.4 | 7.9 |
| Totals..... | 1,755.8 | 1,830.6 | 1,877.2 | 1,832.2 | 1,827.2 | 1,741.1 | 1,767.8 |

Comparison of Condition of the Treasury, January 1, 1878, and January 1, 1879.

[Official Statement of the Warrant Division, Treasury Department.]

| BALANCES. | 1878. | 1879. |
|--|------------------|------------------|
| Currency..... | \$5,408,844 85 | \$4,515,550 13 |
| Special Fund for the redemption of Fractional Currency..... | 10,000,000 00 | 10,000,000 00 |
| Special Deposit of Legal Tenders for redemp- tion of Certificates of Deposit..... | 32,839,000 00 | 34,515,000 00 |
| Coin..... | 139,518,405 30 | 224,865,477 62 |
| Coin and Silver Certificates..... | 33,424,900 00 | 24,076,830 00 |
| Coin, less Coin and Silver Certificates..... | 106,093,505 30 | 200,788,647 62 |
| Outstanding Called Bonds..... | 20,745,300 00 | 21,718,700 00 |
| Other Outstanding Coin Liabilities..... | 5,907,346 95 | 4,624,257 12 |
| Outstanding Legal Tenders..... | 349,943,776 00 | 346,681,016 00 |
| Outstanding Fractional Currency..... | 17,764,108 90 | 16,108,154 62 |
| Outstanding Silver Coin..... | 38,133,484 19 | 39,981,957 25 |
| Total Debt, less Cash in Treasury..... | 2,045,955,442 79 | 2,023,648,111 09 |
| Increase of Debt for December..... | 71,623 15 | 1,233,785 30 |
| Reduction of Debt since July 1..... | 14,202,780 47 | 7,133,720 73 |
| Market value of Gold..... | 102 87 | 100 00 |
| Imports (12 months ending November 30).... | 432,292,984 00 | 430,661,998 00 |
| Exports (12 months ending November 30).... | 623,016,618 00 | 739,971,739 00 |

BANKS IN THE UNITED STATES OTHER THAN NATIONAL.

[From the Report of the Comptroller of the Currency, December 2, 1878.]

Number of State Banks, Savings Banks, Trust Companies, and Private Bankers, and their Average Capital and Deposits, by States, for the six months ending May 31, 1878.

| STATES AND TERRITORIES. | No. of banks | Capital. | Deposits. | STATES AND TERRITORIES. | No. of banks | Capital. | Deposits. |
|-------------------------|--------------|------------|-------------|-------------------------|--------------|-------------|---------------|
| | | \$ | \$ | | | \$ | \$ |
| Maine | 69 | 92,108 | 28,957,428 | Ohio | 255 | 6,042,364 | 15,952,238 |
| N. Hampshire | 71 | 61,000 | 28,309,624 | Cincinnati .. | 21 | 2,022,369 | 7,361,629 |
| Vermont | 21 | 344,167 | 8,140,383 | Cleveland .. | 9 | 893,623 | 12,244,967 |
| Massachusetts | 170 | 834,666 | 157,816,812 | Indiana | 150 | 5,081,175 | 10,224,039 |
| Boston | 59 | 3,061,397 | 70,746,941 | Illinois | 319 | 4,509,738 | 12,472,557 |
| Rhode Island. | 58 | 3,883,267 | 50,028,328 | Chicago | 31 | 3,612,998 | 6,832,759 |
| Connecticut .. | 107 | 2,840,000 | 78,858,210 | Michigan | 153 | 2,636,707 | 4,737,722 |
| | | | | Detroit | 15 | 1,108,368 | 5,179,009 |
| N.E. States. | 555 | 11,116,605 | 422,857,726 | Wisconsin | 89 | 1,386,425 | 3,714,069 |
| | | | | Milwaukee .. | 11 | 729,853 | 5,747,569 |
| New York | 323 | 10,427,448 | 118,258,669 | Iowa | 237 | 5,255,013 | 8,224,785 |
| N. Y. City .. | 443 | 40,700,289 | 247,964,314 | Minnesota | 77 | 1,510,502 | 3,233,693 |
| Albany | 14 | 642,000 | 12,153,189 | Missouri | 176 | 4,124,269 | 10,184,792 |
| New Jersey .. | 59 | 1,741,071 | 19,326,498 | Saint Louis .. | 32 | 6,576,033 | 16,387,002 |
| Pennsylvania | 313 | 10,807,358 | 29,979,015 | Kansas | 109 | 1,472,344 | 2,598,746 |
| Philadelphia | 59 | 2,113,756 | 42,552,729 | Nebraska | 48 | 503,595 | 1,189,250 |
| Pittsburg | 37 | 4,654,547 | 13,727,252 | | | | |
| Delaware | 9 | 712,578 | 1,798,521 | West. States | 1,782 | 47,470,286 | 126,284,766 |
| Maryland | 13 | 627,513 | 559,703 | | | | |
| Baltimore | 41 | 4,162,516 | 21,604,030 | Oregon | 10 | 643,225 | 1,489,547 |
| Dist. of Col. .. | 10 | 496,742 | 3,151,613 | California | 84 | 9,943,129 | 17,422,175 |
| Washington | | | | S. Francisco | 33 | 21,787,036 | 78,070,629 |
| | | | | Colorado | 28 | 526,190 | 934,915 |
| Mid. States | 1,326 | 77,088,818 | 544,075,533 | Nevada | 18 | 412,268 | 1,914,583 |
| | | | | Utah | 8 | 100,000 | 714,555 |
| Virginia | 77 | 3,231,667 | 6,499,580 | New Mexico .. | 4 | 5,000 | 61,180 |
| West Virginia | 22 | 1,496,792 | 3,927,737 | Wyoming | 3 | 82,794 | 148,682 |
| N. Carolina .. | 13 | 583,290 | 978,018 | Idaho | 2 | 51,000 | 16,373 |
| S. Carolina .. | 18 | 911,523 | 1,004,868 | Dakota | 12 | 73,039 | 277,927 |
| Georgia | 67 | 4,317,817 | 3,948,488 | Montana | 8 | 133,413 | 183,918 |
| Florida | 6 | 89,483 | 233,405 | Washington .. | 3 | 208,000 | 537,450 |
| Alabama | 22 | 993,276 | 1,813,605 | Arizona | 4 | 85,000 | 25,885 |
| Mississippi .. | 32 | 1,280,573 | 1,732,597 | | | | |
| Louisiana | 3 | 116,000 | 48,110 | Pacif. States | | | |
| New Orleans | 21 | 4,473,905 | 7,994,123 | and Territo. | 217 | 34,148,094 | 101,802,804 |
| Texas | 102 | 3,707,057 | 4,646,420 | | | | |
| Arkansas | 15 | 225,576 | 298,605 | Totals | 4,400 | 205,382,832 | 1,242,794,903 |
| Kentucky | 74 | 7,010,103 | 6,287,262 | | | | |
| Louisville | 17 | 5,283,296 | 5,650,037 | | | | |
| Tennessee | 31 | 1,769,671 | 2,731,199 | | | | |
| | | | | | | | |
| South. States | 520 | 35,559,029 | 47,774,074 | | | | |

| GEOGRAPHICAL DIVISIONS. | STATE BANKS, SAVINGS-BANKS, PRIVATE BANKERS, ETC. | | | NATIONAL BANKS. | | | TOTAL. | | |
|------------------------------|---|-----------|-----------|-----------------|-----------|-----------|--------|-----------|-----------|
| | No. | Capital. | Deposits. | No. | Capital. | Deposits. | No. | Capital. | Deposits. |
| | | Millions. | Millions. | | Millions. | Millions. | | Millions. | Millions. |
| N. Eng. States. | 555 | 11.12 | 422.86 | 542 | 166.52 | 128.83 | 1,097 | 177.64 | 551.69 |
| Middle States. | 1,326 | 77.09 | 544.07 | 634 | 177.18 | 374.89 | 1,960 | 254.27 | 918.96 |
| South'n States. | 520 | 35.55 | 47.77 | 176 | 31.49 | 35.94 | 696 | 67.04 | 83.71 |
| Western States and Ter. | 1,999 | 81.62 | 223.09 | 704 | 95.20 | 137.50 | 2,703 | 176.82 | 335.59 |
| United States .. | 4,400 | 205.38 | 1,242.79 | 2,056 | 470.39 | 677.16 | 6,456 | 675.77 | 1,919.95 |

From this table it will be seen that the total number of banks and bankers in the country at the dates named (May 31, 1878, and June 29, 1878, for the national banks) was 6,456, with a total banking capital of \$675,776,198, and total deposits of \$1,919,954,301.

SAVINGS-BANKS, PRIVATE BANKS, ETC., IN 1878.

[From the Report of the Comptroller of the Currency, Dec. 2, 1873.]

Total Average Capital and Deposits of all State and Savings-Banks and Private Bankers in the Country, for the Six Months ending May 31, 1878.

| GEOGRAPHICAL DIVISIONS. | STATE BANKS AND TRUST COMPANIES. | | | PRIVATE BANKERS. | | | SAVINGS-BANKS. | |
|-------------------------------------|----------------------------------|----------|-----------|------------------|----------|-----------|----------------|-----------|
| | No. | Capital. | Deposits. | No. | Capital. | Deposits. | No. | Deposits. |
| New Eng. States... | 42 | 8.19 | 15.06 | 71 | 2.86 | 3.23 | 442 | 404.57 |
| Middle States..... | 217 | 42.45 | 122.10 | 916 | 34.48 | 61.92 | 193 | 360.05 |
| Southern States.... | 233 | 27.38 | 30.67 | 280 | 7.30 | 13.68 | 7 | 3.43 |
| Western States and Territories..... | 361 | 46.33 | 61.65 | 1,589 | 33.16 | 105.00 | 40 | 61.41 |
| United States.. | 853 | 124.25 | 229.48 | 2,856 | 77.80 | 183.83 | 691 | 829.48 |

The capital of the 2,056 national banks in operation on June 29, 1878, was \$470,333,366, not including surplus, which amounted at that date to more than 118 millions; while the average capital of all the State banks, private banks, and savings-banks having capital stock, for the six months ending May 31 previously, was, as seen above, but \$205,883,832; considerably less than one-half that of the national banks. The net deposits of the national banks were \$677,159,298, while the average deposits of all other banks and bankers, including savings-banks, were \$1,242,794,908. The average deposits for the same period of 663 savings-banks having no capital stock were \$803,299,345.

Aggregate Resources and Liabilities of Savings-Banks in the United States, from 1874 to 1878.

[From the Report of the Comptroller of the Currency, Dec. 2, 1873.]

| RESOURCES. | 1874-'75. | 1875-'76. | 1876-'77. | 1877-'78. |
|-----------------------------------|----------------|----------------|----------------|----------------|
| | 674 banks. | 686 banks. | 673 banks. | 663 banks. |
| Loans on real estate..... | \$ 251,236,551 | \$ 273,501,243 | \$ 269,770,878 | \$ 403,921,601 |
| Loans on other securities..... | 181,148,206 | 164,024,477 | 114,474,168 | 88,192,337 |
| United States bonds..... | 83,206,272 | 108,162,624 | 115,389,880 | 129,362,890 |
| State and other stocks and bonds. | 161,334,430 | 169,801,299 | 184,116,602 | 170,155,076 |
| Railroad bonds and stocks..... | 20,690,901 | 23,992,313 | 24,586,503 | 21,752,650 |
| Bank stock..... | 30,503,752 | 33,267,494 | 34,571,531 | 34,703,256 |
| Real estate..... | 14,136,748 | 15,540,284 | 21,037,426 | 29,952,494 |
| Other investments..... | 11,354,781 | 20,730,050 | 18,125,673 | 18,169,863 |
| Expenses..... | 1,218,688 | 836,018 | 1,029,238 | 216,690 |
| Due from banks..... | 23,378,937 | 23,011,143 | 23,522,572 | 22,551,308 |
| Cash..... | 17,858,182 | 18,456,403 | 16,160,096 | 17,469,085 |
| Totals..... | 896,197,454 | 951,353,544 | 922,794,562 | 941,447,150 |
| LIABILITIES. | | | | |
| | 674 banks. | 686 banks. | 673 banks. | 663 banks. |
| Deposits..... | \$ 849,581,633 | \$ 891,459,890 | \$ 866,498,432 | \$ 879,897,425 |
| Surplus fund..... | 16,499,565 | 51,321,033 | 43,825,885 | 43,892,508 |
| Undivided profits..... | 29,072,493 | 5,497,503 | 9,200,778 | 6,964,172 |
| Other liabilities..... | 1,043,763 | 3,075,118 | 3,259,447 | 10,698,045 |
| Totals..... | 896,197,454 | 951,353,544 | 922,794,562 | 941,447,150 |

AMOUNT OF PAPER MONEY IN THE UNITED STATES.

[From the Report of the Comptroller of the Currency, December, 1878.]

The subjoined table exhibits, by denominations, the amount of national-bank and legal-tender notes outstanding on November 1, 1878:

| DENOMINATIONS. | Amount of national-bank notes. | Amount of legal-tenders. | Total. |
|---|--------------------------------------|-----------------------------|-------------|
| | \$ | \$ | \$ |
| Ones..... | 4,284,219 | 20,368,531 | 24,652,750 |
| Twos..... | 2,582,146 | 20,332,920 | 22,915,066 |
| Fives..... | 92,539,275 | 55,576,740 | 148,116,015 |
| Tens..... | 103,981,440 | 65,926,631 | 169,908,071 |
| Twenties..... | 68,219,780 | 63,565,929 | 131,785,709 |
| Fifties..... | 20,967,800 | 26,691,193 | 47,658,993 |
| One hundreds..... | 27,104,400 | 31,227,070 | 58,331,470 |
| Five hundreds..... | 657,500 | 30,501,500 | 31,159,000 |
| One thousands..... | 304,000 | 33,490,500 | 33,794,500 |
| Fractions of notes not presented or destroyed..... | 11,561 | ..... | 11,561 |
| Totals..... | 319,632,121 | 347,681,016 | 667,313,137 |
| Deduct for legal-tenders destroyed in Chicago fire..... | ..... | 1,000,000 | 1,000,000 |
| Balances..... | 319,632,121 | 346,681,016 | 666,313,137 |

Section 5175 of the Revised Statutes provides "that not more than one-sixth part of the notes furnished to any association shall be of a less denomination than five-dollars, and that after specie payments are resumed no association shall be furnished with notes of a less denomination than five dollars."

In view of this provision, the printing of one and two dollar notes was discontinued on November 1, 1878, and it is not expected that any notes of these denominations will be issued hereafter.

Table, by States, of the Aggregate Deposits of Savings-Banks, with the Number of their Depositors and the Average Amount Due to Each, in 1877 and 1878.

| STATES. | 1876-'77. | | | 1877-'78. | | |
|---------------------------|-----------------------|---------------------|----------------------------|-----------------------|---------------------|----------------------------|
| | Number of depositors. | Amount of deposits. | Average to each depositor. | Number of depositors. | Amount of deposits. | Average to each depositor. |
| | | \$ | \$ | | \$ | \$ |
| Maine..... | 90,621 | 26,662,150 | 294 21 | 83,661 | 25,708,473 | 306 00 |
| New Hampshire..... | 93,683 | 30,963,047 | 313 76 | 94,967 | 28,789,549 | 303 19 |
| Vermont..... | 25,671 | 6,815,829 | 265 50 | 27,690 | 6,722,691 | 242 78 |
| Massachusetts..... | 739,289 | 243,340,643 | 329 15 | 739,757 | 244,596,614 | 330 64 |
| Rhode Island..... | 99,865 | 50,542,272 | 506 10 | 89,475 | 48,103,119 | 537 61 |
| Connecticut..... | 203,514 | 78,524,172 | 385 84 | 204,575 | 77,214,373 | 377 43 |
| New York..... | 861,603 | 319,716,864 | 371 07 | 844,550 | 312,823,058 | 370 40 |
| New Jersey..... | *81,026 | 29,318,548 | 348 92 | 63,447 | 16,353,275 | 257 74 |
| Pennsylvania..... | *67,660 | 17,577,468 | 259 79 | *68,000 | 17,923,825 | 263 59 |
| Maryland..... | *50,197 | 19,543,967 | 389 34 | *50,450 | 19,739,206 | 391 26 |
| District of Columbia..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Louisiana..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Ohio..... | 26,037 | 10,041,726 | 385 67 | ..... | ..... | ..... |
| Indiana..... | *5,548 | 1,966,025 | 358 00 | ..... | ..... | ..... |
| California..... | *42,600 | 31,185,600 | 732 05 | *96,967 | 70,964,764 | 732 05 |
| Totals..... | 2,395,314 | 836,218,306 | 361 63 | 2,400,785 | 879,897,425 | 366 50 |

* Estimated.

PAPER CURRENCY IN THE UNITED STATES—1860-1878.

Statement showing the amount of State, National-Bank, and United States Notes, etc., outstanding at the close of each fiscal year, from 1860 to 1878, inclusive.

[Prepared at the Treasury Department, July 13, 1878.]

| TITLE. | Amount authorized. | Amount issued. | Outstanding June 30, 1860. | Outstanding June 30, 1861. | Outstanding June 30, 1862. | Outstanding June 30, 1863. | Outstanding June 30, 1864. |
|---|--------------------|----------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| State-Bank Circulation.. | \$ | \$ | 207,102,477 | 202,005,767 | 183,792,079 | 238,677,218 | 179,157,717 |
| National-Bank Circulation.. | | | | | | | 31,235,270 |
| Demand Notes, acts of July 17 and Aug. 5, '61. | 60,000,000 | 60,000,000 | | | 53,040,000 | 3,351,019 | 780,999 |
| Legal-tender Notes, act of Feb. 25, 1862..... | 150,000,000 | | | | | | |
| Legal-tender Notes, act of July 11, 1863..... | 150,000,000 | 447,300,203 | | | 96,620,000 | 297,767,114 | 431,173,671 |
| Legal-tender Notes, act of Mar. 3, 1863..... | 150,000,000 | | | | | | |
| One and two-year Notes of 1863, act of Mar. 3, 1863, bearing 5 per cent. interest. | 400,000,000 | 211,000,000 | | | | 89,579,475 | 153,471,450 |
| Compound-interest notes, acts of Mar. 3, 1863, and June 30, 1864, bearing 6 per cent. interest. | 400,000,000 | 266,595,440 | | | | | 15,000,000 |
| Fractional Currency..... | 50,000,000 | 49,102,660 | | | | 20,192,406 | 22,594,577 |
| Total am't in Currency | | | 207,102,477 | 202,005,767 | 333,452,079 | 649,867,283 | 833,718,984 |
| Value of the paper dollar as compared with coin July 1 of each year..... | | | | | \$0 86.6 | \$0 76.6 | \$0 88.7 |
| Value of currency in gold | | | | | 283,769,500 | 497,798,338 | 323,649,247 |

| TITLE. (Continued.) | Outstanding June 30, 1865. | Outstanding June 30, 1866. | Outstanding June 30, 1867. | Outstanding June 30, 1868. | Outstanding June 30, 1869. | Outstanding June 30, 1870. | Outstanding June 30, 1871. |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| State-Bank Circulation.. | 142,919,638 | 19,996,163 | 4,434,112 | 3,163,771 | 2,558,874 | 2,222,793 | 1,968,068 |
| National-Bank Circulation.. | 146,137,880 | 231,479,908 | 298,625,379 | 299,732,855 | 299,929,624 | 299,766,984 | 318,261,241 |
| Demand Notes..... | 473,603 | 272,162 | 208,432 | 141,733 | 123,739 | 106,256 | 96,505 |
| Legal-tender Notes..... | 432,687,966 | 400,619,206 | 371,783,597 | 356,000,000 | 356,000,000 | 356,000,000 | 356,000,000 |
| One and two-year Notes of 1863..... | 42,333,710 | 3,454,230 | 1,123,630 | 555,492 | 347,772 | 248,272 | 198,572 |
| Compound-interest Notes | 193,756,090 | 159,012,140 | 122,394,480 | 28,161,810 | 2,871,410 | 2,152,910 | 768,500 |
| Fractional Currency..... | 25,006,829 | 27,070,877 | 23,507,623 | 32,626,952 | 32,114,637 | 39,878,084 | 40,682,876 |
| Total am't in Currency | 983,318,436 | 891,904,696 | 826,927,153 | 730,412,603 | 693,946,056 | 700,378,899 | 717,875,751 |
| Value of the paper dollar as compared with coin July 1 of each year..... | \$0 70.4 | \$0 66 | \$0 71.7 | \$0 70.1 | \$0 73.5 | \$0 85.6 | \$0 89 |
| Value of currency in gold | 692,256,353 | 638,657,093 | 592,906,769 | 505,009,234 | 510,050,351 | 599,521,770 | 638,909,418 |

| TITLE. (Continued.) | Outstanding June 30, 1872. | Outstanding June 30, 1873. | Outstanding June 30, 1874. | Outstanding June 30, 1875. | Outstanding June 30, 1876. | Outstanding June 30, 1877. | Outstanding June 30, 1878. |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| State-Bank Circulation.. | 1,700,935 | 1,394,470 | 1,009,021 | 786,344 | 663,938 | 521,611 | 426,504 |
| National-Bank Circulation.. | 337,664,795 | 347,367,061 | 351,981,032 | 354,403,008 | 332,998,336 | 317,048,872 | 324,514,284 |
| Demand Notes..... | 88,296 | 79,968 | 76,732 | 70,107 | 66,918 | 63,963 | 62,297 |
| Legal-tender Notes..... | 357,500,000 | 356,000,000 | 352,000,000 | 375,771,580 | 369,772,234 | 359,764,332 | 346,681,016 |
| One and two-year Notes of 1863..... | 167,522 | 142,105 | 127,025 | 113,375 | 104,705 | 96,725 | 90,485 |
| Compound-interest Notes | 593,520 | 479,400 | 415,210 | 367,390 | 322,760 | 296,630 | 274,920 |
| Fractional Currency..... | 40,855,835 | 44,799,365 | 45,881,296 | 42,129,424 | 34,446,696 | 20,403,137 | 16,547,769 |
| Total am't in Currency | 738,570,908 | 750,083,369 | 731,490,916 | 773,646,728 | 738,376,536 | 698,194,270 | 688,697,275 |
| Value of the paper dollar as compared with coin July 1 of each year..... | \$0 87.5 | \$0 86.4 | \$0 91 | \$0 87.2 | \$0 89.5 | \$0 94.7 | \$0 99.4 |
| Value of currency in gold | 646,349,640 | 648,033,837 | 711,156,733 | 674,619,947 | 666,816,999 | 661,189,973 | 684,466,691 |

**Statement Showing Aggregate Circulation of Paper Currency and
Circulation per capita for the Years named, 1811-1877.**

From a Table prepared by Edward Young, Chief of the Bureau of Statistics, November, 1877.

| YEAR. | Circulation of Bank of United States. | Circulation of State Banks. | Aggregate Paper Money. | Population. | Paper Circulation per capita. |
|-----------|---|--------------------------------|---|-------------|-------------------------------------|
| 1811..... | \$5,400,000 | \$28,100,000 | \$33,500,000 | \$7,453,000 | \$4 40 |
| 1815..... | | 45,500,000 | 45,500,000 | 8,369,000 | 5 43 |
| 1816..... | | 68,000,000 | 68,000,000 | 8,614,000 | 7 80 |
| 1820..... | 8,589,481 | 44,863,344 | 48,452,825 | *9,658,453 | 5 02 |
| 1830..... | 12,924,145 | 61,323,898 | 74,248,043 | *12,866,020 | 5 77 |
| 1834..... | 19,208,379 | 94,839,570 | 114,047,949 | 14,373,000 | 7 93 |
| 1835..... | 17,839,797 | 108,692,495 | 121,032,292 | 14,786,000 | 8 19 |
| 1836..... | 23,075,422 | 140,301,038 | 163,376,460 | 15,213,000 | 10 74 |
| 1837..... | 11,447,968 | 149,185,890 | 160,633,858 | 15,655,000 | 10 26 |
| 1838..... | 6,768,067 | 116,138,910 | 122,906,977 | 16,142,000 | 7 62 |
| 1839..... | 5,962,621 | 135,170,995 | 141,153,616 | 16,584,000 | 8 51 |
| 1840..... | 6,695,861 | 106,968,572 | 113,664,433 | *17,069,453 | 6 66 |
| 1851..... | | 155,165,251 | 155,165,251 | 23,995,000 | 6 47 |
| 1860..... | | 207,102,477 | 207,102,477 | *31,443,321 | 6 59 |
| | | | Greenbacks, National Bank Notes, and other Paper Money. | | |
| 1861..... | | | \$202,205,000 | 32,064,000 | \$6 81 |
| 1862..... | | | 332,794,000 | 32,704,000 | 10 17 |
| 1863..... | | | 297,736,000 | 33,365,000 | 8 92 |
| 1864..... | | | 502,072,000 | 34,046,000 | 14 74 |
| 1865..... | | | 628,692,000 | 34,748,000 | 18 09 |
| 1866..... | | | 708,081,000 | 35,469,000 | 19 95 |
| 1867..... | | | 693,090,000 | 36,211,000 | 19 14 |
| 1868..... | | | 678,745,000 | 36,973,000 | 18 30 |
| 1869..... | | | 676,508,000 | 37,756,000 | 17 92 |
| 1870..... | | | 683,878,000 | *38,558,371 | 17 73 |
| 1871..... | | | 721,582,000 | 39,555,000 | 18 24 |
| 1872..... | | | 731,355,000 | 40,604,000 | 18 01 |
| 1873..... | | | 740,799,000 | 41,704,000 | 17 75 |
| 1874..... | | | 777,538,000 | 42,856,000 | 18 14 |
| 1875..... | | | 769,840,119 | 44,060,000 | 17 47 |
| 1876..... | | | 717,241,912 | 45,316,000 | 15 82 |
| 1877..... | | | 689,618,578 | 46,624,000 | 14 79 |

PAPER MONEY AND COIN OF GREAT BRITAIN.

The following is the estimate of the Deputy-master of the Mint, in an official communication :

| | |
|--|---------------------|
| Estimated value of the GOLD COIN in circulation in the United Kingdom December 31, 1875 | £118,560,000 |
| Gold bullion December 31, 1875..... | 14,908,000 |
| | £133,468,000 |

| | |
|---|-------------|
| Estimated value of the SILVER COIN in circulation in the United Kingdom December 31, 1875..... | £19,000,000 |
|---|-------------|

Estimated value of the PAPER CURRENCY in circulation in the United Kingdom December 31, 1875 :

| | |
|--|---------------------|
| Notes of Bank of England..... | £28,041,000 |
| Notes of English banks..... | 4,723,000 |
| Notes of Scotch and Irish banks..... | 13,529,000 |
| Total paper money..... | £46,293,000 |
| Total currency of Great Britain, specie and paper..... | £198,766,000 |

* Enumerated; for all other years the population is estimated.

SPECIE IN BANKS, 1868-1878.

From the Annual Report of the Comptroller of the Currency, 1878.

THE table below exhibits the amount of specie held by the national banks at the dates of their reports for the last nine years ; the coin, coin-certificates, and checks payable in coin held by the New York City banks being stated separately.

| DATES. | Held by National Banks in New York City. | | | | Held by other National Banks. | Aggregate Specie. |
|----------------|--|--------------------------|-------------------------|-------------|-------------------------------|-------------------|
| | Coin. | U. S. Coin-certificates. | Checks Payable in Coin. | Total. | | |
| Oct. 5, 1868 | \$1,698,623 | \$6,390,140 | \$1,536,354 | \$9,625,117 | \$3,378,596 | \$13,003,713 |
| Jan. 4, 1869 | 1,902,769 | 18,038,520 | 2,348,140 | 22,289,430 | 7,337,320 | 29,626,750 |
| Apr. 17, 1869 | 1,652,575 | 3,720,040 | 1,469,827 | 6,842,442 | 3,102,090 | 9,944,532 |
| June 12, 1869 | 2,542,534 | 11,953,680 | 975,016 | 15,471,230 | 2,983,861 | 18,455,091 |
| Oct. 9, 1869 | 1,792,741 | 16,897,900 | 1,013,949 | 19,704,590 | 3,297,816 | 23,002,406 |
| Jan. 22, 1870 | 6,196,036 | 28,501,460 | 2,190,645 | 36,888,141 | 11,457,243 | 48,345,384 |
| Mar. 24, 1870 | 2,647,908 | 21,872,480 | 1,069,094 | 25,589,483 | 11,507,061 | 37,096,544 |
| June 9, 1870 | 2,942,400 | 18,660,920 | 1,163,906 | 22,767,226 | 8,332,212 | 31,099,438 |
| Oct. 8, 1870 | 1,607,743 | 7,533,900 | 3,994,006 | 13,135,649 | 5,324,362 | 18,460,011 |
| Dec. 23, 1870 | 2,268,582 | 14,063,540 | 3,748,127 | 20,080,249 | 6,227,003 | 26,307,252 |
| Mar. 18, 1871 | 2,982,156 | 13,099,720 | 3,829,882 | 19,911,758 | 5,857,409 | 25,769,167 |
| Apr. 29, 1871 | 2,047,931 | 9,845,080 | 4,382,107 | 16,275,118 | 6,456,909 | 22,732,027 |
| June 10, 1871 | 2,249,408 | 9,161,160 | 3,680,855 | 15,091,423 | 4,833,532 | 19,924,955 |
| Oct. 2, 1871 | 1,121,869 | 7,590,260 | 1,163,628 | 9,875,758 | 3,377,240 | 13,252,998 |
| Dec. 16, 1871 | 1,454,931 | 17,354,740 | 4,255,631 | 23,065,302 | 6,529,997 | 29,595,299 |
| Feb. 27, 1872 | 1,490,418 | 12,341,060 | 3,117,101 | 16,948,579 | 8,559,247 | 25,507,826 |
| Apr. 19, 1872 | 1,828,660 | 10,102,400 | 4,715,364 | 16,646,424 | 7,787,475 | 24,433,899 |
| June 10, 1872 | 3,782,910 | 11,412,160 | 4,219,420 | 19,414,490 | 4,842,155 | 24,256,644 |
| Oct. 3, 1872 | 920,767 | 5,454,580 | ..... | 6,375,347 | 3,854,409 | 10,229,756 |
| Dec. 27, 1872 | 1,306,091 | 12,471,940 | ..... | 13,778,031 | 5,269,305 | 19,047,336 |
| Feb. 23, 1873 | 1,958,770 | 11,539,780 | ..... | 13,498,550 | 4,279,124 | 17,777,674 |
| Apr. 25, 1873 | 1,344,951 | 11,743,320 | ..... | 13,088,251 | 3,780,558 | 16,868,809 |
| June 13, 1873 | 1,442,098 | 22,139,080 | ..... | 23,581,178 | 4,368,909 | 27,950,087 |
| Sept. 12, 1873 | 1,063,211 | 13,522,600 | ..... | 14,585,811 | 5,282,659 | 19,868,470 |
| Dec. 26, 1873 | 1,376,171 | 18,325,760 | ..... | 19,701,931 | 7,205,107 | 26,907,038 |
| Feb. 27, 1874 | 1,167,820 | 23,518,620 | ..... | 24,686,460 | 8,679,403 | 33,365,864 |
| May 1, 1874 | 1,530,232 | 23,454,660 | ..... | 24,984,942 | 7,585,027 | 32,569,969 |
| June 26, 1874 | 1,842,525 | 13,671,660 | ..... | 15,514,185 | 6,812,022 | 22,326,207 |
| Oct. 2, 1874 | 1,291,787 | 13,114,480 | ..... | 14,406,267 | 6,834,679 | 21,240,946 |
| Dec. 31, 1874 | 1,443,215 | 14,410,920 | ..... | 15,854,155 | 6,582,603 | 22,436,761 |
| Mar. 1, 1875 | 1,084,556 | 10,622,160 | ..... | 11,706,716 | 4,960,391 | 16,667,107 |
| May 1, 1875 | 930,106 | 5,753,220 | ..... | 6,683,326 | 3,937,036 | 10,620,362 |
| June 30, 1875 | 1,023,016 | 12,642,180 | ..... | 13,665,196 | 5,294,386 | 18,959,582 |
| Oct. 1, 1875 | 753,905 | 4,201,720 | ..... | 4,955,625 | 3,094,705 | 8,050,330 |
| Dec. 17, 1875 | 869,437 | 12,532,810 | ..... | 13,402,247 | 3,668,659 | 17,070,906 |
| Mar. 10, 1876 | 3,261,131 | 19,086,920 | ..... | 22,348,051 | 6,729,294 | 29,077,345 |
| May 12, 1876 | 832,314 | 15,183,760 | ..... | 16,016,074 | 5,698,521 | 21,714,595 |
| June 30, 1876 | 1,214,523 | 16,872,780 | ..... | 18,087,303 | 7,131,167 | 25,218,470 |
| Oct. 2, 1876 | 1,129,814 | 13,446,760 | ..... | 14,576,574 | 6,785,080 | 21,361,654 |
| Dec. 22, 1876 | 1,434,702 | 21,602,900 | ..... | 23,037,602 | 9,962,046 | 32,999,648 |
| Jan. 20, 1877 | 1,669,285 | 33,629,660 | ..... | 35,298,945 | 14,410,323 | 49,709,268 |
| Apr. 14, 1877 | 1,930,726 | 13,899,180 | ..... | 15,829,906 | 11,240,132 | 27,070,038 |
| June 22, 1877 | 1,423,258 | 10,324,320 | ..... | 11,747,578 | 9,588,418 | 21,335,996 |
| Oct. 1, 1877 | 1,538,486 | 11,409,920 | ..... | 12,948,406 | 9,710,414 | 22,658,820 |
| Dec. 28, 1877 | 1,955,746 | 19,119,080 | ..... | 21,074,826 | 11,832,924 | 32,907,751 |
| Mar. 15, 1878 | 2,428,797 | 35,003,220 | ..... | 37,432,017 | 17,290,041 | 54,722,058 |
| May 1, 1878 | 2,688,092 | 25,397,640 | ..... | 28,085,732 | 17,938,024 | 46,023,756 |
| June 29, 1878 | 1,905,705 | 11,954,500 | ..... | 13,860,205 | 15,391,264 | 29,251,470 |
| Oct. 1, 1878 | 1,779,792 | 11,514,810 | ..... | 13,294,602 | 17,394,004 | 30,688,607 |

PAPER CIRCULATION AND SPECIE IN BANKS IN TWELVE COUNTRIES—1878.

THE following table exhibits in brief the paper circulation and specie on hand of the banking institutions in the countries named at the dates specified.

[Compiled from the London Economist, Nov. 23, 1873, from the *Économiste Français*, and from other official sources.]

| COUNTRY. | Date. | Banks of issue. | Paper circulation. | Coin and bullion. |
|---------------------------------|------------------|---|--------------------|---|
| | | | <i>Dollars.</i> | <i>Dollars.</i> |
| Great Britain | Nov. 20, 1878. | Bank of England..... | 145,111,800 | 131,665,810 |
| | | Scotch banks | 28,303,085 | 19,305,555 |
| | | Irish banks | 81,678,055 | 13,877,580 |
| | | English joint stock b'ks | 10,561,050 | No return. |
| | | Private banks..... | 11,455,610 | No return. |
| | | Total Great Britain... | 281,106,550 | |
| France..... | Nov. 21, 1878. | Bank of France and branches..... | 445,156,346 | 414,640,638 |
| Germany..... | Nov. 15, 1878. | German Imperial Bank (Reichsbank)..... | 152,385,000 | 116,450,000 |
| Russia..... | Nov. 12, 1878. | Bank of Russia | 679,100,000 | 105,560,000 |
| Austria-Hungary.. | Nov. 15, 1878. | Austrian National Bank | 158,595,000 | 73,560,000 |
| Netherlands..... | Nov. 18, 1878. | Netherlands Bank..... | 79,800,000 | 49,475,000 |
| Belgium..... | Nov. 14, 1878. | National Bank | 61,010,000 | 18,265,000 |
| Spain..... | Oct. 31, 1878. | Bank of Spain..... | 33,795,000 | 28,145,000 |
| Switzerland..... | Nov. 16, 1878. | Swiss Concordat banks. | 15,955,000 | 7,085,000 |
| Sweden..... | July, 1878.... | Associated (Enskilda) Banks of Sweden.... | 11,630,000 | 4,320,000 |
| Canada (Ontario and Quebec).... | Jan. 1, 1878.... | 27 chartered banks. | 19,574,453 | 5,614,587 |
| United States..... | Oct. 1, 1878.... | N. Y. City Nat. Banks.. | 20,035,861 | 13,294,603 |
| | | All other Nat. Banks.... | 1231,862,231 | 17,394,004 |
| | Jan. 1, 1879.... | U. S. Legal-Tenders (Greenbacks), including fract. currency.... | 562,851,206 | In Treasury, Jan. 1, 1879. Net. 144,580,448 |

1. NOTE.—The National Banks are required to redeem their circulating notes in legal tender funds, i. e., United States notes, convertible after Jan. 1, 1879, into gold and silver. The Banks held Oct. 1, 1878, a reserve of \$30,088,606 in specie, and \$112,367,112 in legal tender notes and treasury deposits; total, \$142,955,718 as against National Bank issues to the amount of \$301,883,092. These issues, moreover, are secured by deposits in the Treasury of bonds of the United States to the amount of \$100 in bonds for each \$90 of National Bank notes issued.

Temporary Loans Considered as Currency.

Referring to the table on page 239 of paper currency issues during the suspension of specie payments, some writers add to the currency and compound-interest notes all the three-year treasury notes or seven-thirties issued from 1861 to 1865, the temporary-loan certificates, and certificates of indebtedness put forth by the Treasury during the same period. The amount of these evidences of debt at the end of each fiscal year, as tabulated by Senator Cockrell from the annual Finance Reports, and printed in the *Missouri Republican*, was as follows: 1864, \$372,589,341; 1865, \$1,016,270,311; 1866, \$1,092,143,447; 1867, \$643,230,645; 1868, \$240,856,820; 1869, \$192,808,010; 1870, \$46,397,510; 1871, \$32,449,410; 1872, \$12,661,800; 1873, \$412,100; 1874, \$341,300. It is claimed by some that these temporary loans or evidences of indebtedness must be added to the volume of paper currency each year in the Treasury statement on page 239, in order to afford a true measure of the expansion of the currency and its subsequent contraction. On this head Secretary McCulloch, in his annual Report for 1865, intimated the opinion that not far from 15 per cent of the interest-bearing treasury notes entered into the circulation of the country.

244 WHERE OUR GOLD AND SILVER COME FROM.

Gold and Silver of Domestic Production deposited at the Mints and Assay Offices, from their Organization to the Close of the Fiscal Year ended June 30, 1878.

| LOCALITY. | Gold. | Silver. | Total. |
|---------------------------|------------------|----------------|------------------|
| | Dollars. | Dollars. | Dollars. |
| Alabama..... | 217,233 31 | ..... | 217,233 31 |
| Alaska..... | 22,852 89 | ..... | 22,852 89 |
| Arizona..... | 1,935,631 90 | 586,877 90 | 2,522,509 80 |
| California..... | 686,506,692 69 | 1,240,962 77 | 687,753,655 46 |
| Colorado..... | 29,984,158 59 | 15,846,879 20 | 45,831,037 79 |
| Dakota..... | 2,289,835 58 | ..... | 2,289 835 58 |
| Georgia..... | 7,527,850 91 | 403 83 | 7,528,254 74 |
| Idaho..... | 22,815,440 52 | 504,988 88 | 23,320,429 40 |
| Iowa..... | 192 58 | 468 00 | 660 58 |
| Kansas..... | 956,859 10 | ..... | 956,859 10 |
| Lake Superior..... | ..... | 2,524,919 46 | 2,524,919 46 |
| Maryland..... | 402 12 | ..... | 402 12 |
| Massachusetts..... | ..... | 917 56 | 917 56 |
| Michigan..... | ..... | 1,196 87 | 1,196 87 |
| Montana..... | 45,007,147 50 | 2,004,468 07 | 47,011,615 57 |
| Nebraska..... | 46,832 56 | 749,730 71 | 796,563 27 |
| Nevada..... | 12,108,589 64 | 61,203,123 45 | 73,316,713 09 |
| New Hampshire..... | 10,299 80 | ..... | 10,299 80 |
| New Mexico..... | 1,888,672 01 | 1,479,469 61 | 2,868,141 62 |
| North Carolina..... | 10,445,614 90 | 44,885 02 | 10,490,499 92 |
| Oregon..... | 14,256,106 92 | 3,222 12 | 14,259,329 04 |
| South Carolina..... | 1,884,550 24 | 4 43 | 1,884,554 69 |
| Tennessee..... | 80,565 99 | ..... | 80,565 99 |
| Utah..... | 837,484 95 | 7,357,781 29 | 7,745,266 24 |
| Vermont..... | 10,800 41 | ..... | 10,800 41 |
| Virginia..... | 1,648,718 09 | ..... | 1,648,718 09 |
| Washington Territory..... | 153,051 71 | ..... | 153,051 71 |
| Wyoming Territory..... | 672,389 92 | 11,703 86 | 684,183 78 |
| Refined bullion..... | 164,249,543 32 | 32,979,229 39 | 197,228,772 71 |
| Parted from silver..... | 11,180,710 89 | ..... | 11,180,710 89 |
| Contained in silver..... | 9,321,107 50 | ..... | 9,321,107 50 |
| Parted from gold..... | ..... | 6,407,879 01 | 6,407,879 01 |
| Contained in gold..... | ..... | 512,472 90 | 512,472 90 |
| Other sources..... | 10,019,658 90 | 4,851,691 07 | 14,871,349 97 |
| Total..... | 1,084,548,994 04 | 188,354,127 46 | 1,172,903,121 50 |

Gold and Silver Production of the United States during the Fiscal Year 1878.

[Estimate from the Annual Report of the Director of the Mint, December 1, 1878.]

| LOCALITY. | GOLD. | SILVER. | TOTAL. |
|---------------------|------------|------------|------------|
| | Dollars. | Dollars. | Dollars. |
| California..... | 15,230,679 | 2,373,389 | 17,604,068 |
| Nevada..... | 19,546,513 | 23,130,350 | 42,676,863 |
| Colorado..... | 3,366,404 | 5,394,940 | 8,761,344 |
| Montana..... | 2,260,511 | 1,669,635 | 3,930,146 |
| Idaho..... | 1,150,000 | 200,000 | 1,350,000 |
| Utah..... | 392,000 | 5,208,000 | 5,600,000 |
| Arizona..... | 500,000 | 3,000,000 | 3,500,000 |
| New Mexico..... | 175,000 | 500,000 | 675,000 |
| Oregon..... | 1,000,000 | 100,000 | 1,100,000 |
| Washington..... | 300,000 | 25,000 | 325,000 |
| Dakota..... | 3,000,000 | ..... | 3,000,000 |
| Lake Superior..... | ..... | 100,000 | 100,000 |
| North Carolina..... | 150,000 | ..... | 150,000 |
| Georgia..... | 100,000 | ..... | 100,000 |
| Other sources..... | 25,000 | 25,000 | 50,000 |
| Total..... | 47,226,107 | 46,726,314 | 93,952,421 |

NOTE.—The annual statement of John J. Valentine, Superintendent of Wells, Fargo & Co.'s Express, San Francisco, of the precious metals produced in the United States during the calendar year 1878 (January to December), was considerably less than the above estimate for the fiscal year ending June 30, 1878. This estimate (based upon the amount of bullion transported by express) was as follows: Gold, \$36,956,231; silver, \$38,746,391; total, \$75,702,622: being about ten millions less than the product of 1877.

TOTAL COINAGE OF THE UNITED STATES MINT, 1793 to 1878, INCLUSIVE.

From the Official Report of the Director of the Mint.

| | Gold. | Silver. | Minor. | Total. |
|----------------|---------------|--------------|-------------|---------------|
| 1793 to 1795.. | \$71,483 00 | \$370,688 80 | \$11,873 00 | \$453,541 80 |
| 1796 | 102,727 50 | 79,077 50 | 10,824 40 | 192,129 40 |
| 1797 | 108,422 70 | 12,591 45 | 9,510 34 | 125,524 29 |
| 1798 | 205,610 00 | 330,291 00 | 9,797 00 | 545,698 00 |
| 1799 | 212,283 00 | 423,515 00 | 9,106 66 | 645,906 66 |
| 1800 | 317,760 00 | 224,296 00 | 29,279 40 | 571,335 40 |
| 1801 | 422,570 00 | 74,758 00 | 13,628 37 | 510,956 37 |
| 1802 | 423,310 00 | 58,343 00 | 34,422 83 | 516,075 83 |
| 1803 | 258,877 50 | 87,118 00 | 25,203 08 | 370,698 58 |
| 1804 | 258,642 50 | 100,340 50 | 12,844 94 | 371,827 04 |
| 1805 | 170,367 50 | 149,388 50 | 12,433 48 | 333,239 48 |
| 1806 | 324,505 00 | 471,319 00 | 5,960 00 | 801,084 00 |
| 1807 | 437,496 00 | 597,448 75 | 9,652 21 | 1,044,595 96 |
| 1808 | 234,645 00 | 684,300 00 | 13,060 00 | 962,065 00 |
| 1809 | 169,373 00 | 707,376 00 | 8,001 53 | 884,752 53 |
| 1810 | 501,436 00 | 688,773 50 | 15,660 00 | 1,155,869 50 |
| 1811 | 497,908 00 | 608,340 00 | 2,495 95 | 1,108,740 95 |
| 1812 | 290,435 00 | 814,029 50 | 10,755 00 | 1,115,219 50 |
| 1813 | 477,140 60 | 620,951 50 | 4,180 00 | 1,102,271 50 |
| 1814 | 77,270 00 | 561,687 50 | 3,578 30 | 642,535 80 |
| 1815 | 3,175 00 | 17,306 00 | ..... | 20,481 00 |
| 1816 ..... | ..... | 28,575 75 | 28,209 82 | 56,785 57 |
| 1817 ..... | ..... | 607,783 50 | 39,484 00 | 647,267 50 |
| 1818 | 242,940 00 | 1,070,454 50 | 31,670 00 | 1,345,064 50 |
| 1819 | 256,615 00 | 1,140,000 00 | 26,710 00 | 1,423,325 00 |
| 1820 | 319,030 00 | 501,660 70 | 44,075 50 | 1,864,766 20 |
| 1821 | 189,325 00 | 825,762 45 | 3,890 00 | 1,018,977 45 |
| 1822 | 88,960 00 | 805,806 50 | 20,723 39 | 915,509 89 |
| 1823 | 72,423 00 | 895,550 00 | ..... | 967,973 00 |
| 1824 | 93,200 00 | 1,752,477 00 | 12,620 00 | 1,858,297 00 |
| 1825 | 156,386 00 | 1,564,568 00 | 14,926 00 | 1,735,884 00 |
| 1826 | 92,245 00 | 2,002,090 00 | 16,344 25 | 2,110,679 25 |
| 1827 | 131,565 00 | 2,669,200 00 | 23,577 32 | 3,024,342 32 |
| 1828 | 140,145 00 | 1,575,600 00 | 25,696 24 | 1,741,381 24 |
| 1829 | 295,717 50 | 1,994,578 00 | 16,580 00 | 2,306,875 50 |
| 1830 | 643,105 00 | 2,495,400 00 | 17,115 00 | 3,155,620 00 |
| 1831 | 714,370 00 | 3,175,600 00 | 33,603 60 | 3,923,573 60 |
| 1832 | 798,436 00 | 2,579,000 00 | 23,620 00 | 3,401,055 00 |
| 1833 | 978,550 00 | 2,759,000 00 | 28,160 00 | 3,765,710 00 |
| 1834 | 964,370 00 | 3,415,002 00 | 19,151 00 | 4,398,523 00 |
| 1835 | 186,175 00 | 3,443,006 00 | 39,469 00 | 3,668,650 00 |
| 1836 | 185,700 00 | 3,606,100 00 | 23,100 00 | 3,814,900 00 |
| 1837 | 143,305 00 | 3,096,010 00 | 55,583 00 | 3,299,898 00 |
| 1838 | 809,595 00 | 2,333,243 00 | 63,702 00 | 3,206,540 00 |
| 1839 | 1,355,885 00 | 2,176,296 00 | 31,296 61 | 3,563,477 61 |
| 1840 | 1,675,302 50 | 1,726,703 00 | 24,627 00 | 3,426,633 50 |
| 1841 | 1,091,597 50 | 1,132,750 00 | 15,973 67 | 2,240,321 17 |
| 1842 | 1,634,170 00 | 2,332,750 00 | 23,533 90 | 4,190,453 90 |
| 1843 | 8,108,797 50 | 3,834,750 00 | 24,383 20 | 11,967,930 70 |
| 1844 | 5,438,330 00 | 2,235,550 00 | 23,967 52 | 7,697,847 52 |
| 1845 | 3,756,447 50 | 1,873,200 00 | 38,948 04 | 5,668,595 54 |
| 1846 | 4,084,177 50 | 2,556,580 00 | 41,206 00 | 6,681,963 50 |
| 1847 | 20,281,385 00 | 2,379,450 00 | 61,836 69 | 22,662,671 69 |
| 1848 | 3,775,512 50 | 2,040,050 00 | 64,157 99 | 5,879,720 49 |
| 1849 | 9,007,761 50 | 2,114,950 00 | 41,984 32 | 11,164,695 82 |

TOTAL COINAGE OF THE UNITED STATES MINT 1798 TO 1877, INCLUSIVE—(Continued).

| | Gold. | Silver. | Minor. | Total. |
|------------|------------------|----------------|---------------|------------------|
| 1850..... | \$31,961,738 50 | \$1,866,100 00 | \$44,467 50 | \$33,892,306 00 |
| 1851..... | 62,614,492 50 | 774,397 00 | 99,635 43 | 63,488,524 93 |
| 1852..... | 56,846,187 50 | 999,410 00 | 50,680 94 | 57,896,228 44 |
| 1853..... | 39,377,909 00 | 9,077,571 00 | 67,059 78 | 48,522,539 78 |
| 1854..... | 25,915,918 50 | 8,619,270 00 | 42,688 85 | 34,577,826 85 |
| 1855..... | 28,977,968 00 | 8,501,245 00 | 16,030 79 | 32,495,243 79 |
| 1856..... | 36,697,768 50 | 5,135,340 00 | 27,106 78 | 41,860,115 28 |
| 1857..... | 15,811,563 00 | 1,477,000 00 | 63,510 46 | 17,352,073 46 |
| 1858..... | 30,253,725 50 | 8,040,730 00 | 234,000 00 | 38,528,455 50 |
| 1859..... | 17,296,077 00 | 6,187,400 00 | 307,000 00 | 23,790,477 00 |
| 1860..... | 16,445,476 00 | 2,769,920 00 | 342,000 00 | 19,557,396 00 |
| 1861..... | 60,692,337 00 | 2,605,700 00 | 101,660 00 | 63,400,597 00 |
| 1862..... | 45,532,386 50 | 2,812,401 50 | 116,000 00 | 48,460,788 00 |
| 1863..... | 20,695,862 00 | 1,174,092 80 | 478,450 00 | 22,348,394 80 |
| 1864..... | 21,649,345 00 | 548,214 10 | 463,800 00 | 22,661,359 10 |
| 1865..... | 25,107,217 50 | 636,308 00 | 1,183,330 00 | 26,926,855 50 |
| 1866..... | 28,312,945 00 | 680,264 50 | 646,570 00 | 29,640,779 50 |
| 1867..... | 28,217,187 50 | 966,871 00 | 1,879,540 00 | 31,063,598 50 |
| 1868..... | 18,114,425 00 | 1,136,750 00 | 1,713,385 00 | 20,964,560 00 |
| 1869..... | 21,828,637 50 | 840,746 50 | 1,279,035 00 | 23,948,419 50 |
| 1870..... | 22,257,312 50 | 1,767,253 50 | 611,445 00 | 24,636,011 00 |
| 1871..... | 21,302,475 00 | 1,955,905 25 | 283,760 00 | 23,542,140 25 |
| 1872..... | 20,376,495 00 | 8,029,834 05 | 123,020 00 | 23,529,349 05 |
| 1873..... | 35,349,337 50 | 2,945,795 50 | 494,050 00 | 38,689,183 00 |
| 1874..... | 50,442,690 00 | 5,983,601 30 | 411,925 00 | 56,838,216 30 |
| 1875..... | 33,558,965 00 | 10,070,368 00 | 230,375 00 | 43,859,708 00 |
| 1876..... | 38,178,962 50 | 19,126,502 50 | 260,350 00 | 57,565,815 00 |
| 1877..... | 44,078,199 00 | 23,549,935 00 | 62,165 00 | 72,690,299 00 |
| 1878..... | 52,798,980 00 | 23,290,825 50 | 30,694 00 | 81,120,499 50 |
| Total..... | 1,035,958,675 00 | £37,163,116 90 | 12,915,397 55 | 1,286,037,189 45 |

Coinage during Fiscal Year ending June 30, 1878.

| | Pieces. | Value. |
|--------------------------------|------------|-----------------|
| Gold..... | 2,984,832 | \$32,793,960 00 |
| Silver (trade dollars)..... | 11,378,010 | 11,378,010 00 |
| Silver (standard dollars)..... | 8,573,500 | 8,573,500 00 |
| Silver (fractional coin)..... | 30,172,240 | 8,339,315 50 |
| Minor coin..... | 3,059,800 | 30,694 00 |
| Total..... | 56,118,382 | \$81,120,499 50 |

The total amount purchased for the [silver] dollar coinage up to September 30, 1878, was 17,925,701.99 fine ounces, at a cost to the government of \$21,057,369.17, an average cost of 117.47 cents per ounce fine.

At the coining rate for standard silver dollars, \$1.16 $\frac{1}{2}$ per standard ounce, the above amount purchased will produce \$23,176,665.19.

All silver is purchased at its gold value, and of the amount paid for silver bullion for the dollar coinage, \$7,672,792.95 was paid in gold coin, and \$13,384,576.22 in standard silver dollars.

VALUE OF FOREIGN COINS IN UNITED STATES MONEY.

AS PROCLAIMED BY THE TREASURY DEPARTMENT,

January 1, 1879.

| COUNTRY. | MONETARY UNIT. | STANDARD. | VALUE IN U. S. MONEY. | STANDARD COIN. |
|---|-----------------------------|-----------|-----------------------|---|
| Austria..... | Florin..... | Gold.. | \$3.85 89 | 8 Gulden. |
| Belgium..... | Franc..... | G. & S. | .19 3 | 5, 10, and 20 francs. |
| Bolivia..... | Dollar..... | G. & S. | .96 5 | Escudo, $\frac{1}{4}$ bolivar and bolivar. |
| Brazil..... | Milreis of 1,000 reis..... | Gold... | .54 5 | None. |
| British Possessions in North America..... | Dollar..... | Gold... | 1.00 | |
| Bogota..... | Peso..... | Gold... | .96 5 | |
| Cent'l America..... | Dollar..... | Silver.. | .93 5 | Dollar. |
| Chili..... | Peso..... | Gold... | .91 2 | Condor, doubloon, and escudo. |
| Denmark..... | Crown..... | Gold... | .26 8 | 10 and 20 crowns. |
| Ecuador..... | Dollar..... | Silver.. | .93 5 | Dollar. |
| Egypt..... | Pound of 100 piasters..... | Gold... | 4.97 4 | 5, 10, 25, and 50 piasters. |
| France..... | Franc..... | G. & S. | .19 3 | 5, 10, and 20 francs. |
| Great Britain..... | Pound sterling..... | Gold... | 4.86 64 | $\frac{1}{4}$ sovereign and sovereign. |
| Greece..... | Drachma..... | G. & S. | .19 3 | 5, 10, 20, 50, and 100 drachmas. |
| German Empire..... | Mark..... | Gold... | .23 8 | 5, 10, and 20 marks. |
| Japan..... | Yen..... | Gold... | .99 7 | 1, 2, 5, 10, and 20 yen. |
| India..... | Rupce of 16 annas..... | Silver.. | .44 4 | |
| Italy..... | Lira..... | G. & S. | .19 3 | 5, 10, 20, 50, and 100 lire. |
| Liberia..... | Dollar..... | Gold... | 1.00 | |
| Mexico..... | Dollar..... | Silver.. | 1.015 | Peso or dol., 5, 10, 25, & 50 centavo. |
| Netherlands..... | Florin..... | G. & S. | .38 5 | Florin; 10 guildens, gold (\$4.01, 9). |
| Norway..... | Crown..... | Gold... | .26 8 | 10 and 20 crowns. |
| Peru..... | Dollar..... | Silver.. | .93 5 | |
| Portugal..... | Milreis of 1,000 reis..... | Gold... | 1.08 | 2, 5, and 10 milreis. |
| Russia..... | Rouble of 100 copecks..... | Silver.. | .74 8 | $\frac{1}{4}$, $\frac{1}{2}$, and 1 rouble. |
| Sandwich Isl's..... | Dollar..... | Gold... | 1.00 | |
| Spain..... | Peseta of 100 centimes..... | G. & S. | .19 3 | 5, 10, 20, 50, and 100 pesetas. |
| Sweden..... | Crown..... | Gold... | .26 8 | 10 and 20 crowns. |
| Switzerland..... | Franc..... | G. & S. | .19 3 | 5, 10, and 20 francs. |
| Tripoli..... | Mahbub of 20 piasters..... | Silver.. | .84 4 | |
| Tunis..... | Piaster of 16 caroubes..... | Silver.. | .11 6 | |
| Turkey..... | Piaster..... | Gold... | .04 3 | 25, 50, 100, 250, and 500 piasters. |
| United States of Colombia..... | Peso..... | Silver.. | .93 5 | |

The above table exhibits the values in United States money of account, of the pure gold or silver representing, respectively, the monetary units and standard coins of foreign countries, in compliance with the Act of Congress of March 3, 1873, which provides "that the value of foreign coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

The estimate of values contained in the above table has been made by the Director of the Mint, and proclaimed in compliance with the above stated provisions of law.

HIGHEST AND LOWEST PRICES OF GOLD IN NEW YORK, 1862-1878.

[Compiled from the Commercial and Financial Chronicle.]

| MONTH | 1862. | | 1863. | | 1864. | | 1865. | | 1866. | | 1867. | |
|---------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. |
| Jan.... | 103¾ | 101¾ | 160¾ | 133¾ | 159¾ | 151¾ | 234¾ | 197¾ | 144¾ | 136¾ | 137¾ | 132½ |
| Feb.... | 104¾ | 102¾ | 172¾ | 152¾ | 161 | 157¾ | 216¾ | 196¾ | 140¾ | 135¾ | 140¾ | 135½ |
| March.. | 102½ | 101½ | 171¾ | 139 | 169¾ | 159 | 201 | 148¾ | 136¾ | 124¾ | 140¾ | 133¾ |
| April... 102½ | 101½ | 157¾ | 145¾ | 184¾ | 166¾ | 154½ | 143½ | 129½ | 125½ | 141¾ | 132¾ | 132¾ |
| May.... 104½ | 102½ | 154¾ | 143½ | 190 | 168 | 145½ | 128¾ | 141¾ | 125½ | 138¾ | 135 | 135 |
| June... 109½ | 103½ | 148¾ | 140½ | 250 | 193 | 147¾ | 135¾ | 167¾ | 137½ | 138¾ | 138¾ | 136¾ |
| July.... 120½ | 108¾ | 145 | 123¾ | 285 | 222 | 146¾ | 138¾ | 155¾ | 147 | 140¾ | 138 | 138 |
| Aug.... 116½ | 112½ | 129¾ | 123¾ | 261¾ | 231½ | 145½ | 140½ | 152¾ | 146½ | 142½ | 139¾ | 139¾ |
| Sep.... 124 | 116½ | 143¾ | 126¾ | 254½ | 191 | 145 | 142¾ | 147½ | 143½ | 146¾ | 141 | 141 |
| Oct.... 133½ | 123 | 153¾ | 140¾ | 227¾ | 189 | 149 | 144½ | 154¾ | 145½ | 145¾ | 140½ | 140½ |
| Nov.... 133½ | 129 | 154 | 143 | 260 | 210 | 148¾ | 145½ | 148¾ | 137¾ | 141½ | 138½ | 138½ |
| Dec.... 134 | 128½ | 152¾ | 148½ | 243 | 212¾ | 148¾ | 144½ | 141¾ | 131¾ | 137¾ | 133 | 133 |
| Year.. | 134 | 101½ | 172½ | 122½ | 235 | 151½ | 234¾ | 128½ | 167¾ | 125½ | 146¾ | 132½ |

| MONTH | 1868. | | 1869. | | 1870. | | 1871. | | 1872. | | 1873. | |
|---------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. |
| Jan.... | 142¾ | 133¾ | 136¾ | 134¾ | 123¾ | 119¾ | 111¾ | 110¾ | 110¾ | 108¾ | 114¾ | 111¾ |
| Feb.... | 144 | 139¾ | 136¾ | 130¾ | 121½ | 115½ | 112¾ | 110¾ | 111 | 109½ | 115½ | 112¾ |
| March.. | 141¼ | 137¾ | 132½ | 130¾ | 116¾ | 110¾ | 111¾ | 110¾ | 110¾ | 109¾ | 118½ | 114¾ |
| April... 140¾ | 137¾ | 134¾ | 131¾ | 115¾ | 111¾ | 111¾ | 110¾ | 113¾ | 109¾ | 109¾ | 119¾ | 116¾ |
| May.... 140½ | 139½ | 144¾ | 134½ | 115½ | 113¾ | 112¾ | 111 | 114¾ | 112½ | 112½ | 118¾ | 116¾ |
| June... 141¼ | 139¾ | 139¾ | 136½ | 114¾ | 110¾ | 113¾ | 111¾ | 114¾ | 113 | 118¾ | 115 | 115 |
| July.... 145½ | 143½ | 137¾ | 134¾ | 122¾ | 111¾ | 113¾ | 111¾ | 115¾ | 113½ | 116¾ | 115 | 115 |
| Aug.... 150 | 143½ | 136½ | 131¾ | 122 | 114¾ | 113¾ | 111¾ | 115¾ | 112½ | 116¾ | 114¾ | 114¾ |
| Sep.... 145½ | 141½ | 162½ | 129¾ | 116¾ | 112¾ | 115¾ | 112¾ | 115¾ | 112¾ | 116¾ | 110¾ | 110¾ |
| Oct.... 140½ | 133¾ | 132 | 129¾ | 113¾ | 111¾ | 115 | 111½ | 115¾ | 112½ | 111½ | 107¾ | 107¾ |
| Nov.... 137 | 132 | 128¾ | 121½ | 113¾ | 110 | 112¾ | 110¾ | 114¾ | 111¾ | 110½ | 106¾ | 106¾ |
| Dec... 136¾ | 134¾ | 124 | 119½ | 111¾ | 110¾ | 110¾ | 108¾ | 113¾ | 111¾ | 112¾ | 108¾ | 108¾ |
| Year.. | 150 | 132 | 162½ | 119½ | 123¼ | 110 | 115¾ | 108¾ | 115¾ | 108½ | 119½ | 106¾ |

| MONTH. | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|----------------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. |
| January..... | 112½ | 110½ | 113¾ | 111¾ | 113¾ | 112¾ | 107¾ | 105¾ | 102¾ | 101¾ |
| February..... | 113 | 111¾ | 115¾ | 113¾ | 114¾ | 112¾ | 106¾ | 104¾ | 102¾ | 101¾ |
| March | 113¾ | 111¾ | 117 | 114¾ | 115 | 113¾ | 105¾ | 104¾ | 102 | 100¾ |
| April | 114¾ | 111¾ | 115½ | 114 | 113¾ | 112½ | 107¾ | 104¾ | 101¾ | 100¾ |
| May | 113¾ | 111¾ | 116¾ | 115 | 113¾ | 112¾ | 107¾ | 106¾ | 101¾ | 100¾ |
| June | 112¾ | 110½ | 117¾ | 116¾ | 113 | 111¾ | 106¾ | 104¾ | 101 | 100¾ |
| July | 110¾ | 109 | 117¾ | 111¾ | 112¾ | 111¾ | 106¾ | 105¾ | 100¾ | 100¾ |
| August | 110¾ | 109¾ | 114¾ | 112¾ | 112¾ | 109¾ | 105¾ | 103¾ | 100¾ | 100¾ |
| September..... | 110¾ | 109¾ | 117¾ | 113¾ | 113¾ | 109¾ | 104 | 102¾ | 100¾ | 100¾ |
| October | 110¾ | 109¾ | 117¾ | 114¾ | 113¾ | 108¾ | 103¾ | 102¾ | 100¾ | 100¾ |
| November..... | 112¾ | 110 | 116¾ | 114¾ | 110¾ | 108¾ | 103¾ | 102¾ | 100¾ | 100¾ |
| December..... | 112¾ | 110½ | 115¾ | 112¾ | 109 | 107 | 103¾ | 102½ | 100¾ | 100 |
| Year..... | 114¾ | 109 | 117¾ | 111¾ | 115 | 107 | 107¾ | 102½ | 102¾ | 100 |

UNITED STATES CURRENCY VALUE OF GOLD.

Giving the Currency Price in Dollars of One Hundred Dollars in Gold in the New York Market, averaged by Months and Years, from Jan. 1, 1862, to Jan. 1, 1879.

| PERIODS. | 1862. | 1863. | 1864. | 1865. | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Jan... | 102.5 | 145.1 | 155.5 | 216.2 | 140.1 | 184.6 | 138.5 | 135.6 | 121.3 | 110.7 | 109.1 | 113.7 | 111.4 | 112.5 | 112.8 | 106.2 |
| Feb... | 108.5 | 160.5 | 153.6 | 205.5 | 138.4 | 187.4 | 141.4 | 134.4 | 119.5 | 111.5 | 110.3 | 114.1 | 112.3 | 114.5 | 113.4 | 105.2 |
| Mar... | 101.8 | 154.5 | 162.9 | 173.8 | 130.5 | 195 | 139.5 | 131.3 | 112.6 | 111 | 110.1 | 115.5 | 112.1 | 115.5 | 114.3 | 104.8 |
| Apr... | 101.5 | 151.5 | 172.7 | 148.5 | 127.3 | 185.6 | 138.7 | 132.9 | 113.1 | 110.6 | 111.1 | 117.8 | 113.4 | 114.8 | 113.2 | 106.2 |
| May... | 103.3 | 148.9 | 176.3 | 135.6 | 131.8 | 137 | 139.6 | 139.2 | 114.7 | 111.5 | 113.7 | 117.7 | 112.4 | 115.8 | 112.7 | 106.5 |
| June... | 106.5 | 144.5 | 210.7 | 140.1 | 148.7 | 137.5 | 140.1 | 138.1 | 112.9 | 112.4 | 113.9 | 116.5 | 111.3 | 117 | 111.9 | 105.5 |
| July... | 115.5 | 130.6 | 258.1 | 148.1 | 151.6 | 139.4 | 142.7 | 136.1 | 116.8 | 112.4 | 114.3 | 115.7 | 110 | 114.8 | 111.8 | 105.6 |
| Aug... | 114.5 | 125.8 | 254.1 | 143.5 | 148.7 | 140.8 | 145.5 | 134.2 | 117.9 | 112.4 | 114.4 | 115.4 | 109.7 | 113.5 | 110.8 | 104.6 |
| Sept... | 118.5 | 134.3 | 222.5 | 143.9 | 145.5 | 143.4 | 143.6 | 136.8 | 114.8 | 114.5 | 113.5 | 112.7 | 109.7 | 115.8 | 109.7 | 103.5 |
| Oct... | 128.5 | 147.7 | 207.2 | 145.5 | 148.3 | 143.5 | 137.1 | 130.2 | 112.8 | 113.2 | 113.2 | 108.9 | 110 | 116.5 | 110.7 | 102.9 |
| Nov... | 131.1 | 143.0 | 233.5 | 147 | 143.8 | 139.6 | 134.4 | 126.2 | 111.4 | 111.2 | 112.9 | 108.6 | 110.9 | 115.2 | 109.1 | 102.9 |
| Dec... | 132.3 | 151.1 | 227.5 | 146.2 | 136.7 | 134.8 | 135.2 | 121.5 | 110.7 | 109.3 | 112.2 | 110 | 111.7 | 113.9 | 108 | 102.7 |
| Average of year | 113.3 | 145.2 | 203.3 | 157.3 | 140.9 | 138.2 | 139.7 | 133 | 114.9 | 111.7 | 112.4 | 113.8 | 111.2 | 115.1 | 111.5 | 104.7 |

NOTE.—According to the officially-published quotations of the gold market in New York, the currency price of \$100 gold reached its maximum on the 11th day of July, 1864, the quotations for that day ranging from \$276 to \$285. The average price of \$100 gold for the month of July, 1864, was \$258.10.

For the year 1878 the average currency value of gold was \$101.43.

GOLD VALUE OF UNITED STATES CURRENCY.

Giving the Gold Price in Dollars of One Hundred Dollars in Currency in the New York Market, averaged by Months and Years, from Jan. 1, 1862, to Jan. 1, 1878.

| PERIODS. | 1862. | 1863. | 1864. | 1865. | 1866. | 1867. | 1868. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Jan... | 97.6 | 68.9 | 64.3 | 46.3 | 71.4 | 74.3 | 72.2 | 73.7 | 82.4 | 90.3 | 91.7 | 88.7 | 89.7 | 88.9 | 88.6 | 94.1 |
| Feb... | 96.6 | 62.3 | 63.1 | 48.7 | 72.3 | 72.8 | 70.7 | 74.4 | 83.7 | 89.7 | 90.7 | 87.6 | 89.1 | 87.3 | 88.2 | 95 |
| Mar... | 98.2 | 64.7 | 61.4 | 57.5 | 76.6 | 74.1 | 71.7 | 76.2 | 88.8 | 90.1 | 90.8 | 86.6 | 89.2 | 86.6 | 87.4 | 95.4 |
| Apr... | 98.5 | 66 | 57.9 | 67.3 | 78.6 | 73.7 | 72.1 | 75.2 | 88.4 | 90.4 | 90 | 84.9 | 88.2 | 87.1 | 88.3 | 94.1 |
| May... | 96.8 | 67.2 | 56.7 | 73.7 | 75.9 | 73 | 71.6 | 71.8 | 87.2 | 89.7 | 88 | 85 | 89.9 | 86.3 | 88.7 | 93.9 |
| June... | 93.9 | 69.2 | 47.5 | 71.4 | 67.2 | 72.7 | 71.4 | 72.4 | 88.6 | 89 | 87.8 | 85.8 | 90 | 85.4 | 89.4 | 94.8 |
| July... | 86.6 | 76.6 | 38.7 | 70.4 | 66 | 71.7 | 70.1 | 73.5 | 85.6 | 89 | 87.5 | 86.4 | 91 | 87.2 | 89.5 | 94.7 |
| Aug... | 87.3 | 79.5 | 39.4 | 69.7 | 67.2 | 71 | 68.7 | 74.5 | 84.8 | 89 | 87.4 | 86.7 | 91.2 | 88.1 | 90.2 | 95.7 |
| Sept... | 84.4 | 74.5 | 44.9 | 69.5 | 68.7 | 69.7 | 69.6 | 73.1 | 87.1 | 87.3 | 88.1 | 88.7 | 91.2 | 86.4 | 91.1 | 96.6 |
| Oct... | 77.8 | 67.7 | 48.3 | 63.7 | 67.4 | 69.7 | 72.9 | 76.8 | 88.7 | 88.3 | 88.3 | 91.8 | 91 | 85.8 | 90.1 | 97.2 |
| Nov... | 76.3 | 67.6 | 42.8 | 68 | 69.5 | 71.6 | 74.4 | 79.2 | 89.8 | 89.9 | 88.6 | 92.1 | 90.2 | 86.7 | 91.6 | 97.2 |
| Dec... | 75.6 | 66.2 | 44 | 68.4 | 73.2 | 74.2 | 74 | 82.3 | 90.3 | 91.5 | 89.1 | 90.9 | 89.6 | 87.8 | 92.5 | 97.3 |
| Average of year | 83.3 | 68.9 | 49.2 | 63.6 | 71 | 72.4 | 71.6 | 75.2 | 87 | 89.5 | 89 | 87.9 | 89.9 | 86.9 | 89.6 | 95.5 |

For the year 1878 the average gold value of currency was \$96.56.

HIGHEST AND LOWEST PRICES OF ACTIVE STOCKS AT THE NEW YORK STOCK EXCHANGE FROM 1860 to 1877.

[illegible]

PRICES OF ACTIVE STOCKS—(Continued).

| NAME OF STOCK. | 1869. | | 1870. | | 1871. | | 1872. | | 1873. | | 1874. | | 1875. | | 1876. | | 1877. | | 1878. | |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. |
| Adams Express.... | 69½ | 48 | 69 | 60¾ | 91½ | 64½ | 88¾ | 88¾ | 100¾ | 76 | 120 | 92½ | 104½ | 98 | 114 | 100 | 105 | 91 | 109¾ | 98 |
| American Express.... | 40% | 40% | + | + | 7 | 7 | + | + | 70¾ | 41 | 65½ | 58½ | 65 | 50 | 67 | 55 | 60¾ | 43½ | 52½ | 46 |
| Atlantic and Pacific Tel. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20 | 14 | 29½ | 17½ | 14 | 14 | 25 | 15½ | ..... | ..... |
| Central of New Jersey..... | 122½ | 85¾ | 110¾ | 92 | 37½ | 35 | ..... | ..... | 38½ | 10 | 22 | 10½ | 18 | 3¾ | 7 | 1 | ..... | ..... | ..... | ..... |
| Chicago and North-west'n | 94 | 62 | 85½ | 67 | 91½ | 53 | 98 | 106½ | 85 | 81½ | 69½ | 68 | 120 | 99½ | 109½ | 100 | 97¾ | 6 | 45½ | 13½ |
| Chicago and Rock Island..... | 133 | 101¾ | 125½ | 80¾ | 125 | 81¾ | 83½ | 85 | 83½ | 31½ | 62¾ | 34¾ | 48¾ | 33¾ | 45 | 35½ | 43 | 15 | 55½ | 32½ |
| Chicago, Mil. and St. Paul | 84¾ | 60 | 75 | 52¾ | 64½ | 48¾ | 105 | 117½ | 116 | 89¾ | 109½ | 92½ | 109 | 100½ | 111½ | 98¾ | 105½ | 87¾ | 79½ | 59¾ |
| Chicago, " " pref. | 96¾ | 74 | 80½ | 71¾ | 93 | 71¾ | 52 | 62¾ | 79½ | 21½ | 49¾ | 31¾ | 40¾ | 28½ | 46¾ | 18¾ | 42½ | 11 | 54½ | 27½ |
| Col., Chicago and I. C..... | 59 | 19 | 22½ | 15½ | 24½ | 15½ | 72¾ | 72¾ | 43¾ | 15¾ | 32¾ | 48 | 67¾ | 51 | 84¾ | 49¾ | 73 | 40¾ | 84¾ | 64 |
| Delaware, Lack. and West. | 104¾ | 112½ | 100½ | 111¾ | 102¾ | 112½ | 91 | 106 | 79½ | 112½ | 99 | 123 | 106½ | 120½ | 64½ | 2½ | 79 | 40¾ | 61¾ | 41 |
| Erie..... | 48½ | 21 | 28½ | 20¾ | 34¾ | 19 | 75 | 30¾ | 69¾ | 35¾ | 51½ | 26 | 35½ | 15¾ | 23¾ | 7¾ | 15 | 4½ | 22½ | 7½ |
| Hannibal and St. Joseph. | 139 | 90 | 121½ | 97 | 106 | 50½ | 29 | 53½ | 53½ | 15 | 34½ | 22½ | 30½ | 15¾ | 22½ | 10½ | 7 | 16¾ | 10 | 10 |
| Harlem..... | 168¾ | 123 | 150 | 129 | 135 | 117½ | 139¾ | 107½ | 139 | 90 | 134¾ | 118¾ | 138 | 127½ | 145 | 130½ | 147 | 135 | ..... | ..... |
| Lake Shore..... | 75¾ | 84 | 116 | 84 | 88¾ | 86¾ | 97¾ | 97¾ | 57¾ | 57¾ | 84¾ | 67¾ | 80¾ | 51¾ | 68¾ | 43¾ | 73¾ | 45 | 71¾ | 55¾ |
| Michigan Central..... | 217½ | 145 | 126 | 116 | 126 | 114 | 111 | 65 | 95½ | 68½ | 82¾ | 53 | 82¾ | 53 | 65½ | 74¾ | 74¾ | 35 | 75 | 58¾ |
| New York Central..... | 217½ | 154½ | 102¾ | 86 | 103½ | 90¾ | 91¾ | 106¾ | 77¾ | 105½ | 95¾ | 95¾ | 107¾ | 100 | 117½ | 96 | 109½ | 83¾ | 115 | 103¾ |
| Ohio and Mississippi..... | 39 | 22½ | 41¾ | 23¾ | 55 | 27¾ | 51¾ | 41¾ | 49¾ | 21 | 36 | 21¾ | 32¾ | 32¾ | 14¾ | 5 | 11¾ | 2½ | 11¾ | 6¾ |
| Pacific Mail..... | 123¾ | 42 | 46½ | 30¾ | 58½ | 39½ | 102½ | 53 | 76¾ | 24 | 51½ | 33¾ | 42¾ | 30¾ | 39¾ | 10¾ | 56¾ | 12¾ | 53¾ | 12¾ |
| Pacific of Missouri..... | ..... | ..... | ..... | ..... | ..... | ..... | 60 | 54¾ | 60¾ | 27½ | 48 | 29¾ | 55 | 7½ | 16 | 1½ | ..... | ..... | ..... | ..... |
| Panama..... | 348 | 183 | 175 | 70 | 75 | 49 | 150 | 72 | 180 | 76 | 118 | 101 | 173 | 110¾ | 140 | 122 | 130 | 80 | 131 | 112 |
| Quicksilver..... | 26 | 12 | 15½ | 4¾ | 27¾ | 7½ | 59 | 25½ | 46½ | 18 | 36½ | 29¾ | 35 | 13 | 20¾ | 10½ | ..... | ..... | 19¾ | 9½ |
| Quicksilver..... pref. | ..... | ..... | ..... | ..... | ..... | ..... | 30 | 57 | 35 | 48 | 48 | 29 | 44 | 20 | ..... | ..... | ..... | ..... | 37 | 29¾ |
| Wabash..... | 86 | 42¾ | 61¾ | 42¾ | 71¾ | 48¾ | 66½ | 75¾ | 75¾ | 35¾ | 55¾ | 18¾ | 21¾ | 21¾ | 8 | ..... | ..... | ..... | 23¾ | 12¾ |
| Union Pacific..... | 78 | 48½ | 56 | 32 | 37¾ | 31¾ | 42 | 28 | 39¾ | 14¾ | 38¾ | 23 | 82¾ | 36 | 74¾ | 57¾ | 73 | 59¾ | 73 | 61¾ |
| United States Express..... | 37½ | 16 | 42½ | 12¾ | 58½ | 35 | 95 | 56½ | 86 | 56 | 84 | 69½ | 92½ | 71 | 90 | 79 | 90 | 81 | 51¾ | 82½ |
| Wells-Fargo Express..... | 44¾ | 32 | 46½ | 30¾ | 71¾ | 44¾ | 82¾ | 67½ | 94½ | 43¾ | 83¾ | 68 | 54¾ | 70¾ | 50¾ | 68¾ | 84¾ | 56 | 99½ | 75½ |
| Western Union Telegraph | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 102 | ..... |

† No sales reported.

* Hudson River Railroad consolidated with New York Central.

HIGHEST AND LOWEST PRICES OF UNITED STATES SECURITIES FOR NINETEEN YEARS, 1860-1878.

Compiled from the Commercial and Financial Chronicle.

SALES AT THE NEW YORK STOCK EXCHANGE.

| Years. | 6s of 1861. | | 6s (5-20 years), Coupon. | | 5s, 10-40. | | 5s of 1861. | | Currency Sikes. | | Fund 4 1/2 4s of 1867. | |
|--------|-------------|---------|--------------------------|---------|------------|---------|-------------|---------|-----------------|---------|------------------------|---------|
| | 6s of 1861. | | 6s (5-20 years), Coupon. | | 5s, 10-40. | | 5s of 1861. | | Currency Sikes. | | Fund 4 1/2 4s of 1867. | |
| | Coup. | Reg. | Coup. | Reg. | Coup. | Reg. | Coup. | Reg. | Coup. | Reg. | Coup. | Reg. |
| 1860 | 109 1/4 | 104 1/4 | 109 1/4 | 104 1/4 | 109 1/4 | 104 1/4 | 109 1/4 | 104 1/4 | 109 1/4 | 104 1/4 | 109 1/4 | 104 1/4 |
| 1861 | 108 1/4 | 103 1/4 | 108 1/4 | 103 1/4 | 108 1/4 | 103 1/4 | 108 1/4 | 103 1/4 | 108 1/4 | 103 1/4 | 108 1/4 | 103 1/4 |
| 1862 | 107 1/4 | 102 1/4 | 107 1/4 | 102 1/4 | 107 1/4 | 102 1/4 | 107 1/4 | 102 1/4 | 107 1/4 | 102 1/4 | 107 1/4 | 102 1/4 |
| 1863 | 106 1/4 | 101 1/4 | 106 1/4 | 101 1/4 | 106 1/4 | 101 1/4 | 106 1/4 | 101 1/4 | 106 1/4 | 101 1/4 | 106 1/4 | 101 1/4 |
| 1864 | 105 1/4 | 100 1/4 | 105 1/4 | 100 1/4 | 105 1/4 | 100 1/4 | 105 1/4 | 100 1/4 | 105 1/4 | 100 1/4 | 105 1/4 | 100 1/4 |
| 1865 | 104 1/4 | 99 1/4 | 104 1/4 | 99 1/4 | 104 1/4 | 99 1/4 | 104 1/4 | 99 1/4 | 104 1/4 | 99 1/4 | 104 1/4 | 99 1/4 |
| 1866 | 103 1/4 | 98 1/4 | 103 1/4 | 98 1/4 | 103 1/4 | 98 1/4 | 103 1/4 | 98 1/4 | 103 1/4 | 98 1/4 | 103 1/4 | 98 1/4 |
| 1867 | 102 1/4 | 97 1/4 | 102 1/4 | 97 1/4 | 102 1/4 | 97 1/4 | 102 1/4 | 97 1/4 | 102 1/4 | 97 1/4 | 102 1/4 | 97 1/4 |
| 1868 | 101 1/4 | 96 1/4 | 101 1/4 | 96 1/4 | 101 1/4 | 96 1/4 | 101 1/4 | 96 1/4 | 101 1/4 | 96 1/4 | 101 1/4 | 96 1/4 |
| 1869 | 100 1/4 | 95 1/4 | 100 1/4 | 95 1/4 | 100 1/4 | 95 1/4 | 100 1/4 | 95 1/4 | 100 1/4 | 95 1/4 | 100 1/4 | 95 1/4 |
| 1870 | 99 1/4 | 94 1/4 | 99 1/4 | 94 1/4 | 99 1/4 | 94 1/4 | 99 1/4 | 94 1/4 | 99 1/4 | 94 1/4 | 99 1/4 | 94 1/4 |
| 1871 | 98 1/4 | 93 1/4 | 98 1/4 | 93 1/4 | 98 1/4 | 93 1/4 | 98 1/4 | 93 1/4 | 98 1/4 | 93 1/4 | 98 1/4 | 93 1/4 |
| 1872 | 97 1/4 | 92 1/4 | 97 1/4 | 92 1/4 | 97 1/4 | 92 1/4 | 97 1/4 | 92 1/4 | 97 1/4 | 92 1/4 | 97 1/4 | 92 1/4 |
| 1873 | 96 1/4 | 91 1/4 | 96 1/4 | 91 1/4 | 96 1/4 | 91 1/4 | 96 1/4 | 91 1/4 | 96 1/4 | 91 1/4 | 96 1/4 | 91 1/4 |
| 1874 | 95 1/4 | 90 1/4 | 95 1/4 | 90 1/4 | 95 1/4 | 90 1/4 | 95 1/4 | 90 1/4 | 95 1/4 | 90 1/4 | 95 1/4 | 90 1/4 |
| 1875 | 94 1/4 | 89 1/4 | 94 1/4 | 89 1/4 | 94 1/4 | 89 1/4 | 94 1/4 | 89 1/4 | 94 1/4 | 89 1/4 | 94 1/4 | 89 1/4 |
| 1876 | 93 1/4 | 88 1/4 | 93 1/4 | 88 1/4 | 93 1/4 | 88 1/4 | 93 1/4 | 88 1/4 | 93 1/4 | 88 1/4 | 93 1/4 | 88 1/4 |
| 1877 | 92 1/4 | 87 1/4 | 92 1/4 | 87 1/4 | 92 1/4 | 87 1/4 | 92 1/4 | 87 1/4 | 92 1/4 | 87 1/4 | 92 1/4 | 87 1/4 |
| 1878 | 91 1/4 | 86 1/4 | 91 1/4 | 86 1/4 | 91 1/4 | 86 1/4 | 91 1/4 | 86 1/4 | 91 1/4 | 86 1/4 | 91 1/4 | 86 1/4 |

Note.—It is to be understood that the prices quoted were in currency.

DIVIDENDS OF NEW ENGLAND MANUFACTURING COMPANIES FOR EIGHT YEARS, 1870-1877.

[From J. G. Martin's Stock Fluctuations, Boston, 1871-78.]

| MANUFACTURING COMPANIES. | Capital, Jan., 1878. | Par. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. |
|---------------------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Amoskeag | 3,000,000 | 1,000 | 10 | 13 | 13 | 14 | 14 | 9 | 9 | 8 |
| Androscoggin | 1,000,000 | 100 | 8 | 5 | 10 | 10 | 10 | 9 | 6 | 6 |
| Appleton | 600,000 | 1,000 | 9 | 14 | 12 | 9 | 3 | 0 | 0 | 0 |
| Atlantic | 1,000,000 | 100 | 3 | 8 | 8 | 8 | 0 | 3 | 0 | 3 |
| Bartlett | 350,000 | 100 | ..... | ..... | 2½ | 7 | 2½ | 0 | 0 | 0 |
| Bates | 1,500,000 | 100 | 6 | 4 | 10 | 8 | 8 | 0 | 3 | 6 |
| Boott | 1,200,000 | 1,000 | 11 | 20 | 20 | 13 | 12½ | 8 | 8 | 9 |
| Boston | 800,000 | 1,000 | 10 | 11 | 12 | 8 | 6 | 6 | 6 | 6 |
| Boston Duck | 350,000 | 700 | 33 | 10 | 11 | 10 | 10 | 8 | 0 | 7 |
| Cabot | 600,000 | 500 | ..... | 8 | 10 | 10 | 10 | 5 | 0 | 7 |
| Chicopee | 1,000,000 | 100 | 18 | 70 | 53 | 30 | 10 | 5 | 7 | 7 |
| Cocheco | 1,000,000 | 500 | 13 | 20 | 20 | 20 | 20 | 15 | 5 | 9 |
| Continental | 1,500,000 | 100 | 0 | 0 | 8 | 8 | 4 | 0 | 0 | 0 |
| Dwight | 1,200,000 | 500 | 0 | 0 | 5 | 10 | 6 | 0 | 0 | 0 |
| Everett | 800,000 | 100 | 0 | 3 | 9 | 0 | 3 | 0 | 3 | 3 |
| Franklin | 1,000,000 | 100 | 3 | 0 | 8 | 8 | 8 | 3 | 0 | 0 |
| Great Falls | 1,500,000 | 100 | 3 | 9 | 10 | 10 | 3 | 0 | 0 | 0 |
| Hamilton Cotton | 1,200,000 | 1,000 | 3 | 6½ | 9 | 8 | 8 | 7 | 3 | 6 |
| " Woolen | 600,000 | 100 | 15 | 15 | 23 | 15 | 10 | 10 | 10 | 10 |
| Hill | 1,000,000 | 100 | 9 | 11 | 18 | 14 | 10 | 7 | 0 | 3 |
| Jackson | 600,000 | 1,000 | 12 | 20 | 18 | 14 | 12 | 6 | 3 | 6 |
| Kearsarge | 600,000 | 100 | ..... | 0 | 0 | 7 | 3 | 0 | 3 | 2 |
| Laconia | 1,000,000 | 400 | 3 | 0 | 11 | 12 | 7 | 0 | 0 | 6 |
| Lancaster | 800,000 | 400 | 20 | 20 | 20 | 22½ | 20 | 20 | 15 | 12½ |
| Lawrence | 1,500,000 | 1,000 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 8 |
| Lowell | 2,000,000 | 600 | \$30 | \$140 | \$70 | \$50 | \$45 | \$40 | \$30 | \$20 |
| " Bleachery | 300,000 | 200 | 30 | 40 | 20 | 20 | 18 | 10 | 8 | 6 |
| " Machine Shop | 600,000 | 500 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 10½ |
| Lyman | 1,470,000 | 100 | 6 | 8 | 10 | 8 | 6 | 3 | 0 | 6 |
| Manchester | 2,000,000 | 100 | 0 | 0 | 0 | 0 | 115* | 7 | 8 | 8 |
| Massachusetts | 1,800,000 | 1,000 | 6 | 10 | 16 | 12 | 8 | 3 | 6 | 6 |
| Merrimack | 2,500,000 | 1,000 | 7 | 18 | 18 | 13 | 10 | 4 | 5 | 8 |
| Middlesex | 750,000 | 100 | 15 | 17 | 13 | 9 | 14 | 9 | 10 | 19 |
| Nashua | 1,000,000 | 500 | 8 | 16 | 13 | 12 | 11 | 8 | 6 | 4 |
| Naumkeag | 1,500,000 | 100 | 7 | 0 | 15 | 8 | 7 | 6 | 3 | 6 |
| Newmarket | 600,000 | 500 | 9 | 8 | 14 | 14 | 8 | 3 | 0 | 3 |
| New England Glass | 500,000 | 500 | 8 | 8 | 3 | 0 | 4 | 6 | 0 | 0 |
| Otis | 800,000 | 1,000 | 20 | 20 | 15 | 10 | 10 | 10 | 9 | 8 |
| Pacific | 2,500,000 | 1,000 | 12 | 16 | 22 | 20 | 20 | 20 | 16 | 20 |
| Pepperell | 1,200,000 | 500 | 20 | 5 | 11 | 12 | 12 | 12 | 11 | 10 |
| Salisbury | 1,000,000 | 100 | 10 | 13½ | 12½ | 0 | 0 | 0 | 0 | 0 |
| Salmon Falls | 600,000 | 300 | 7 | 9 | 10 | 9 | 3 | 0 | 0 | 2 |
| Sandwich Glass | 400,000 | 80 | \$6 | \$8 | \$7 | \$4 | 0 | 0 | 0 | 0 |
| Stark Mills | 1,200,000 | 1,000 | 7 | 10 | 13 | 11 | 11 | 7 | 3 | 8 |
| Tremont and Suffolk | 1,200,000 | 100 | 0 | 0 | 9 | 9 | 8 | 8 | 8 | 8½ |
| Thorndike | 450,000 | 1,000 | 0 | 6 | 8½ | 10 | 9 | 6 | 6 | 7 |
| Washington | 1,650,000 | 100 | 4 | 5 | 10 | 0 | 0 | 0 | 6 | 6 |
| York Mills | 1,200,000 | 1,000 | 18 | 20 | 35 | 18 | 11 | 9 | 8 | 4 |

* Dividend in liquidation. The new Manchester Mills organized 1875.

† Besides 30 per cent. extra dividend Feb., 1877.

PRICES OF BRITISH THREE PER CENT CONSOLS FOR EIGHTY-EIGHT YEARS, 1789-1877.

[From the London Economist's Commercial History and Review, 1877.]

| Years. | Highest Price. | Lowest Price. | Years. | Highest Price. | Lowest Price. | Years. | Highest Price. | Lowest Price. | Years. | Highest Price. | Lowest Price. |
|--------|----------------|---------------|--------|----------------|---------------|--------|----------------|---------------|--------|----------------|---------------|
| 1789.. | 81.2 | 71.6 | 1811 | 66.7 | 61.7 | 1833 | 91.7 | 86.5 | 1855 | 93.2 | 85.6 |
| 1790.. | 80.9 | 70.5 | 1812 | 63.0 | 55.1 | 1834 | 93.2 | 89.0 | 1856 | 96.1 | 90.5 |
| 1791.. | 89.7 | 75.7 | 1813 | 67.5 | 54.5 | 1835 | 93.1 | 89.1 | 1857 | 97.9 | 86.5 |
| 1792.. | 97.1 | 72.5 | 1814 | 67.5 | 54.5 | 1836 | 93.0 | 86.6 | 1858 | 98.9 | 94.6 |
| 1793.. | 81.0 | 70.5 | 1815 | 72.5 | 61.5 | 1837 | 94.1 | 90.2 | 1859 | 97.4 | 88.2 |
| 1794.. | 72.4 | 62.7 | 1816 | 65.7 | 53.9 | 1838 | 95.5 | 91.9 | 1860 | 95.6 | 91.1 |
| 1795.. | 70.5 | 61.0 | 1817 | 84.2 | 62.0 | 1839 | 94.1 | 89.2 | 1861 | 94.4 | 89.1 |
| 1796.. | 70.6 | 53.2 | 1818 | 82.0 | 73.0 | 1840 | 93.5 | 85.7 | 1862 | 94.7 | 91.5 |
| 1797.. | 56.5 | 47.5 | 1819 | 79.0 | 64.9 | 1841 | 90.6 | 87.1 | 1863 | 94.0 | 89.7 |
| 1798.. | 58.0 | 47.2 | 1820 | 70.2 | 65.6 | 1842 | 97.2 | 90.1 | 1864 | 92.0 | 87.1 |
| 1799.. | 69.0 | 52.6 | 1821 | 78.7 | 68.7 | 1843 | 99.9 | 92.1 | 1865 | 91.5 | 86.1 |
| 1800.. | 67.2 | 60.0 | 1822 | 83.0 | 75.4 | 1844 | 101.4 | 97.9 | 1866 | 91.5 | 84.0 |
| 1801.. | 70.0 | 54.2 | 1823 | 85.7 | 72.0 | 1845 | 100.6 | 91.9 | 1867 | 96.4 | 89.9 |
| 1802.. | 79.0 | 66.0 | 1824 | 97.2 | 91.1 | 1846 | 97.2 | 87.9 | 1868 | 96.1 | 92.0 |
| 1803.. | 73.0 | 50.2 | 1825 | 93.5 | 73.9 | 1847 | 90.0 | 78.7 | 1869 | 94.2 | 91.5 |
| 1804.. | 59.9 | 53.7 | 1826 | 84.6 | 76.5 | 1848 | 94.5 | 80.0 | 1870 | 94.5 | 88.5 |
| 1805.. | 62.0 | 57.0 | 1827 | 89.6 | 81.7 | 1849 | 97.9 | 90.6 | 1871 | 94.0 | 91.4 |
| 1806.. | 64.6 | 58.5 | 1828 | 89.6 | 83.5 | 1850 | 98.5 | 95.0 | 1872 | 93.7 | 91.2 |
| 1807.. | 64.4 | 57.6 | 1829 | 95.7 | 86.5 | 1851 | 99.1 | 95.6 | 1873 | 94.0 | 91.7 |
| 1808.. | 69.1 | 62.6 | 1830 | 93.9 | 74.6 | 1852 | 101.6 | 98.7 | 1874 | 93.6 | 91.2 |
| 1809.. | 70.4 | 63.4 | 1831 | 84.9 | 78.1 | 1853 | 101.0 | 85.1 | 1875 | 95.6 | 92.4 |
| 1810.. | 71.0 | 63.2 | 1832 | 89.0 | 82.5 | 1854 | 95.9 | 86.9 | 1876 | 97.0 | 93.5 |
| | | | | | | | | | 1877 | 97.4 | 93.0 |

MERCHANT SHIPPING OF THE WORLD IN 1876.

[From the London Economist's Commercial History and Review, 1877.]

| Countries. | Sailing Vessels. | Tonnage. | Steam Vessels. | Tonnage. | Total Tonnage. |
|----------------------------|------------------|-----------|----------------|-----------|----------------|
| British | 20,265 | 5,807,365 | 3,299 | 3,363,992 | 9,170,357 |
| United States..... | 7,288 | 2,390,521 | 605 | 789,728 | 3,180,249 |
| Norwegian | 4,749 | 1,410,903 | 122 | 55,974 | 1,466,777 |
| Italian | 4,601 | 1,292,076 | 114 | 97,582 | 1,389,658 |
| German | 3,456 | 875,995 | 226 | 226,988 | 1,102,983 |
| French | 3,858 | 725,048 | 814 | 384,334 | 1,059,382 |
| Spanish | 2,915 | 557,320 | 230 | 176,250 | 733,570 |
| Greek | 2,121 | 426,905 | 11 | 7,183 | 434,088 |
| Dutch | 1,432 | 399,993 | 126 | 134,600 | 534,593 |
| Swedish | 2,121 | 399,128 | 219 | 88,660 | 487,788 |
| Russian | 1,785 | 391,952 | 151 | 106,962 | 497,914 |
| Austrian | 983 | 338,684 | 78 | 81,269 | 419,953 |
| Danish | 1,348 | 188,953 | 87 | 60,697 | 249,650 |
| Portuguese | 456 | 107,016 | 26 | 22,277 | 129,293 |
| South American | 273 | 95,459 | 81 | 59,263 | 154,722 |
| Central American | 153 | 57,944 | 6 | 3,732 | 61,676 |
| Turkish and Egyptian | 305 | 48,289 | 30 | 23,264 | 71,553 |
| Belgian | 54 | 23,344 | 35 | 40,700 | 64,044 |
| Asiatic | 42 | 16,019 | 11 | 10,877 | 26,896 |
| Liberian | 3 | 454 | ..... | ..... | 454 |

BANK OF ENGLAND RATES OF DISCOUNT.

255

From 1694, the year of its Foundation, to 1877.

NOTE.—It is to be understood in all cases that the discount rate against any date was the rate charged until the next succeeding date. For example, April 20th, 1876, Directors fixed the minimum rate of discount on first-class bills at 2 per cent, which continued until May 2d, 1877, when it was raised to 3 per cent.

| | | | |
|----------------------|---------------------|---------------------|--------------------|
| 1694 Aug. 8.... 6 | May 29.... 5 | May 19.... 8 | May 9.... 5 |
| " 30.... 4½ | June 26.... 4½ | " 26.... 7 | " 30.... 4 |
| Oct. 24.... 6 | Oct. 1.... 6 | June 16.... 7 | June 13.... 3½ |
| 1695 Jan. 16.... 6 | " 6.... 6 | July 23.... 7 | " 20.... 3 |
| " 16.... 4½ | " 6.... 7 | Aug. 4.... 8 | July 18.... 3½ |
| " 16.... 3 | Nov. 13.... 7 | Sept. 8.... 9 | Sept. 18.... 4 |
| May 19.... 3 | Dec. 4.... 6½ | Nov. 10.... 8 | " 26.... 4½ |
| 1704 Feb. 28.... 4 | " 18.... 6 | " 24.... 7 | Oct. 3.... 5 |
| " 28.... 5 | 1857 April 2.... 6½ | Dec. 15.... 6 | " 10.... 6 |
| 1710 June 22.... 5 | June 18.... 6 | Jan. 12.... 5½ | Nov. 9.... 7 |
| 1716 July 26.... 4 | July 16.... 5½ | " 26.... 5 | " 28.... 6 |
| 1719 April 30.... 5 | Oct. 8.... 6 | March 2.... 4½ | Dec. 12.... 5 |
| 1720 Oct. 27.... 5 | " 12.... 7 | " 30.... 4 | 1873 Jan. 9.... 4½ |
| 1722 Aug. 23.... 4 | " 19.... 8 | May 4.... 4½ | " 23.... 4 |
| 1743 Oct. 18.... 5 | Nov. 5.... 9 | " 25.... 4 | " 30.... 3½ |
| " 18.... 4 | " 9.... 10 | June 1.... 3½ | March 26.... 4 |
| 1745 Dec. 12.... 5 | Dec. 24.... 8 | " 15.... 3 | May 7.... 4½ |
| 1746 May 1.... 4 | Jan. 7.... 6 | July 27.... 3½ | " 10.... 5 |
| " 5.... 5 | " 14.... 5 | Aug. 3.... 4 | " 17.... 6 |
| 1773 " 13.... 5 | " 23.... 4 | Sept. 28.... 4½ | June 4.... 7 |
| 1822 June 20.... 4 | Feb. 4.... 3½ | Oct. 2.... 5 | " 12.... 6 |
| 1825 Dec. 13.... 5 | " 11.... 3 | " 5.... 6 | July 10.... 5 |
| 1827 July 6.... 4 | Dec. 9.... 2½ | " 7.... 7 | " 17.... 4½ |
| 1836 July 21.... 4½ | April 28.... 3½ | Nov. 23.... 6 | " 24.... 4 |
| Sept. 1.... 5 | May 5.... 4½ | Dec. 28.... 7 | " 31.... 3½ |
| 1833 Feb. 15.... 4 | June 2.... 3½ | Jan. 4.... 8 | Aug. 21.... 3 |
| 1839 May 16.... 5 | " 9.... 3 | Feb. 22.... 7 | Sept. 25.... 4 |
| June 20.... 5½ | July 14.... 2½ | March 15.... 6 | " 29.... 5 |
| Aug. 1.... 6 | Jan. 19.... 3 | May 3.... 7 | Oct. 14.... 6 |
| 1840 Jan. 25.... 5 | " 31.... 4 | " 8.... 8 | " 18.... 7 |
| Oct. 15.... 5 | March 29.... 4½ | " 11.... 9 | Nov. 1.... 8 |
| 1841 June 3.... 5 | April 12.... 5 | " 12.... 10 | " 7.... 9 |
| 1843 April 7.... 4 | May 10.... 4½ | Aug. 16.... 8 | " 20.... 8 |
| 1844 Sept. 5.... 2½ | " 24.... 4 | " 23.... 7 | " 27.... 6 |
| " 5.... 3 | Nov. 8.... 4½ | " 30.... 6 | Dec. 4.... 5 |
| 1845 March 13.... 2½ | " 13.... 5 | Sept. 6.... 5 | " 11.... 4½ |
| Oct. 16.... 3 | " 10.... 6 | " 27.... 4½ | 1874 Jan. 8.... 4 |
| Nov. 6.... 3½ | " 29.... 5 | Nov. 8.... 4 | " 15.... 3½ |
| 1846 Aug. 27.... 3 | Dec. 31.... 6 | Dec. 20.... 3½ | April 30.... 4 |
| 1847 Jan. 14.... 3½ | Jan. 7.... 7 | Feb. 7.... 3 | May 23.... 3½ |
| " 21.... 4 | Feb. 14.... 8 | May 30.... 2½ | June 4.... 3 |
| April 8.... 5 | March 21.... 7 | July 23.... 2 | " 18.... 2½ |
| " 15.... 5 | April 4.... 6 | 1863 Nov. 19.... 2½ | July 30.... 3 |
| Aug. 6.... 5½ | " 11.... 5 | Dec. 3.... 3 | Aug. 6.... 4 |
| Oct. 26.... 8 | May 16.... 6 | April 1.... 4 | " 20.... 3½ |
| Nov. 27.... 7 | Aug. 1.... 5 | May 6.... 4½ | " 27.... 3 |
| Dec. 2.... 6 | " 15.... 4½ | June 10.... 4 | Oct. 15.... 4 |
| " 23.... 5 | " 29.... 4 | " 24.... 3½ | Nov. 16.... 5 |
| 1848 Jan. 27.... 4 | Sept. 19.... 3½ | July 15.... 3 | " 30.... 6 |
| June 15.... 3½ | Nov. 7.... 8 | Aug. 19.... 2½ | 1875 Jan. 7.... 5 |
| Nov. 2.... 3 | Jan. 9.... 2½ | Nov. 4.... 3 | " 14.... 4 |
| 1849 Nov. 23.... 3½ | May 23.... 3 | July 21.... 3½ | " 23.... 3 |
| 1850 Dec. 26.... 3 | July 10.... 2½ | " 23.... 4 | Feb. 18.... 3½ |
| 1852 Jan. 1.... 2½ | " 24.... 2 | " 28.... 5 | July 8.... 3 |
| April 22.... 2 | Oct. 30.... 3 | Aug. 4.... 6 | " 29.... 2½ |
| 1853 Jan. 6.... 2½ | Jan. 15.... 4 | " 11.... 5½ | Aug. 12.... 2 |
| " 20.... 3 | " 23.... 5 | " 18.... 4½ | Oct. 7.... 2½ |
| June 2.... 3½ | Feb. 19.... 4 | " 25.... 4 | " 14.... 3½ |
| Sept. 1.... 4 | April 23.... 3½ | Sept. 1.... 3½ | " 21.... 4 |
| " 15.... 4½ | " 30.... 2 | " 15.... 3 | Nov. 18.... 3 |
| " 23.... 5 | May 16.... 3½ | " 29.... 2½ | Dec. 30.... 4 |
| 1854 May 11.... 5½ | " 21.... 4 | March 2.... 3 | 1876 Jan. 6.... 5 |
| Aug. 3.... 5 | Nov. 2.... 6 | April 13.... 2½ | " 27.... 4 |
| 1855 April 6.... 4½ | Dec. 2.... 7 | June 15.... 2½ | March 23.... 3½ |
| May 3.... 4 | " 3.... 8 | July 13.... 2 | April 6.... 3 |
| June 14.... 3½ | " 24.... 7 | Sept. 21.... 3 | " 20.... 2 |
| Sept. 6.... 4 | 1864 Jan. 20.... 8 | " 23.... 4 | May 2.... 3 |
| " 13.... 4½ | Feb. 11.... 7 | Oct. 7.... 5 | July 4.... 2½ |
| " 27.... 5 | Oct. 25.... 6 | Nov. 16.... 4 | " 11.... 2 |
| Oct. 4.... 5½ | April 16.... 7 | " 30.... 3½ | Sept. 5.... 3 |
| " 18.... 6 | May 2.... 8 | Dec. 14.... 3 | Oct. 10.... 4 |
| " 18.... 7 | " 5.... 9 | 1873 April 4.... 3½ | " 17.... 5 |
| 1856 May 22.... 6 | | " 11.... 4 | Nov. 29.... 4 |

Jan. 78, 8; Jan. 31, 2; Mar. 27, 3; May 20, 2½; June 27, 3; July 4, 3½; Aug. 1, 4; Aug. 12, 5; Oct. 14, 6; Nov. 31, 5.

PRICES OF GOVERNMENT LOANS IN LONDON, 1873-77.

[Compiled from the Financial Register, London, 1878.]

| COUNTRY. | Issue price. | 1873. | | 1874. | | 1875. | | 1876. | | 1877. | |
|--|--------------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| | | fl. | l. | fl. | l. | fl. | l. | fl. | l. | fl. | l. |
| Argentine Republic: 6 p. c. Debt, 1866-68... | 72½ & 73 | 101 | 98½ | 99 | 86 | 98 | 82 | 91 | 29 | 74 | 59 |
| Austria-Hungary: 5 p. c. Silver Rentes... | 61 | ..... | ..... | ..... | ..... | 68 | 65 | 67.50 | 62.45 | 59 | 45 |
| Belgium: 4½ per cent. Debt... | Par. | 102½ | 99 | 103 | 99½ | 103½ | 100 | 104 | 101 | 104½ | 100 |
| Bolivia: 6 per cent., 1872..... | 68 | ..... | ..... | ..... | ..... | ..... | ..... | 23 | 15 | 26 | 17 |
| Brazil: 4½ p. c. Debt, 1863... | 83 | 87 | 73 | 66 | 87 | 92 | 60 | 92½ | 80 | 92 | 82 |
| 5 per cent. Debt, 1865. | 74 | 98 | 88 | 102 | 95 | 100 | 60 | 98 | 81½ | 97 | 88 |
| Canada: 6 per cent. Debt, re- duced, 1877-84..... | Par. | 108¾ | 100 | 112 | 104 | 111½ | 108½ | 108 | 101 | 107 | 100 |
| Cape of Good Hope: 6 per cent. Debt, 1861, red., 1891..... | ..... | 103 | 100 | 117 | 117 | 110 | 99 | ..... | ..... | 120 | 113 |
| Ceylon: 6 p. c. Debt of 1863... | Par. | 112 | 106½ | 110 | 103 | 113 | 108 | 113 | 107 | 105 | 100 |
| Chili: 6 per cent. Debt, 1867. | 84 | 100 | 99 | 106 | 100 | 95 | 80 | 104 | 83 | 103 | 95 |
| Colombia: 6 per cent. Debt, 1863. | 86 | 84 | 77 | 95 | 80 | 81 | 70 | 95 | 65 | ..... | ..... |
| Cuba: 7 per cent. Railway Debt, 1863 ..... | ..... | 84 | 71 | 86 | 73 | 90 | 75 | 93 | 83 | 92 | 76 |
| Denmark: 5 p. c. Debt of 1864... | 93 | 100½ | 96 | 97 | 96 | 99 | 97 | ..... | ..... | ..... | ..... |
| Ecuador: 1 per cent. Consolidat- ed Debt ..... | ..... | 11 | 8 | 11 | 7½ | 10 | 5 | 10 | 5 | 9 | 6 |
| Egypt: 7 per cent. Debt, 1864. | 93 | 101½ | 90 | 101½ | 90 | 100 | 74 | 92 | 35 | 78 | 61 |
| France: 5 p. c. Rentes, 1871... | 82.50 | 92½ | 82 | 99¾ | 91 | 100 | 92 | 106¾ | 102¾ | 103¾ | 101 |
| 5 p. c. Rentes, 1872 .. | 81.50 | 96 | 90 | 99¾ | 91 | 100 | 92 | 106¾ | 102¾ | 103¾ | 101 |
| Great Britain: 3 per cent. Consols..... | ..... | 96½ | 91¾ | 98¾ | 91¾ | 94½ | 92½ | 97½ | 93½ | 97½ | 93 |
| Greece: 5 per cent. Debt, 1824. | 56½ & 59 | 19 | 10 | 17 | 10 | ..... | ..... | ..... | ..... | 14 | 11 |
| Guatemala: 6 per cent. Debt, 1869. | 70½ | 60 | 42 | 58 | 40 | 55 | 31 | Average | 38 | 30 | 20 |
| Honduras: 10 per cent. Railway Loan, 1870..... | 80 | 39 | 15 | 17 | 6 | 10 | 1 | 5 | 1½ | 6 | 1 |
| India: 5 per cent. Debt..... | ..... | 113½ | 106 | 110¾ | 106½ | 109½ | 106 | 107½ | 104 | 107¾ | 103¾ |
| Italy: 5 per cent. State Do- main Debt, 1865.... | 77½ | 94 | 86 | 97 | 88 | 100 | 95 | 104 | 96 | 104 | 97 |
| Japan: 7 per cent. Loan, 1873. | 92½ | 101½ | 97½ | 102 | 88 | 101 | 90 | ..... | ..... | 107 | 99 |
| Mauritius: 6 p. c. Debt of 1865... | ..... | 115 | 110 | 117 | 113 | 116 | 112 | 120 | 113 | 121 | 115 |
| Mexico: 3 per cent. Debt, 1846. | 58 | 18½ | 13 | 17½ | 15 | 17 | 13 | 13¾ | 4½ | 8¾ | 6 |
| Morocco: 5 per cent. Debt, 1862. | 85 | 104 | 96½ | 103 | 93 | 101 | 90 | ..... | ..... | ..... | ..... |
| Netherlands: 4 per cent. Debt..... | 82 | 95 | 86½ | 98 | 90 | ..... | ..... | 100 | 97 | 103 | 97 |
| New South Wales: 5 per cent., redeem- able 1888-92..... | ..... | 108½ | 103½ | 110½ | 105 | 109 | 104 | 111½ | 111½ | 112 | 106 |

PRICES OF GOVERNMENT LOANS IN LONDON, 1872-77--Continued.

| COUNTRY. | Issue price. | 1872. | | 1874. | | 1875. | | 1876. | | 1877. | |
|--|--------------|-------|------|-------|------|-------|-----|-------|-------|-------|-------|
| | | H. | L. | H. | L. | H. | L. | H. | L. | H. | L. |
| New Zealand: | | | | | | | | | | | |
| 5 per cent. Consolidated Loan, 1863-71.... | | 105 | 101 | 116½ | 102½ | 103 | 101 | 103½ | 105½ | 107½ | 101 |
| Peru: | | | | | | | | | | | |
| 5 per cent. Debt, 1873. | 77½ | 72 | 49½ | 61½ | 46½ | 57 | 25 | 23 | 10 | 16½ | 9½ |
| Portugal: | | | | | | | | | | | |
| 3 p. c. Debt, 1833-67... | 38½ & 48 | 41 | 30 | 47½ | 42½ | 46 | 40 | ..... | ..... | 55½ | 49½ |
| Queensland: | | | | | | | | | | | |
| 6 p. c. Debt of 1861. | 92 | 115 | 108 | 114 | 109 | 115 | 110 | 113½ | 137 | 112½ | 108 |
| Roumania: | | | | | | | | | | | |
| 8 per cent. Debt, 1867. | 71 | 101 | 98 | 108 | 99 | 102 | 93 | 106 | 74 | 91 | 58 |
| Russia: | | | | | | | | | | | |
| 3 per cent. Debt, 1859. | 68 | 69 | 64 | 73 | 64 | 74 | 64 | 71 | 47 | 63 | 43 |
| 5 per cent. Debt, 1862. | 91 | 100 | 91 | 103 | 96 | 105 | 94 | 101 | 72 | 89 | 68 |
| San Domingo: | | | | | | | | | | | |
| 6 per cent. Debt, 1859. | 70 | 29 | 18 | 27 | 7 | 14 | 4 | 14½ | 5 | 9 | 4 |
| South Australia: | | | | | | | | | | | |
| 6 per cent., redeemable 1872-80 | 102 | 106½ | 102½ | 106½ | 104½ | 107 | 104 | 115 | 104 | 114 | 103 |
| Spain: | | | | | | | | | | | |
| 3 per cent. (Old and Deferred)..... | 31 | 30 | 16½ | 20½ | 17 | 24 | 17 | 20½ | 12½ | 13 | 10 |
| 6 per cent. Land Mortgage, 1871..... | 80 | 80 | 40 | 67 | 51 | 73 | 53 | 68 | 55 | 70 | 55 |
| Sweden and Norway: | | | | | | | | | | | |
| 5 per cent., 1868..... | 90 | 107 | 101 | 107 | 99 | 106 | 100 | 109 | 101 | 109 | 101 |
| Turkey: | | | | | | | | | | | |
| 6 per cent. Debt, 1865. | 65½ | 75½ | 60 | 72½ | 54 | 72 | 25 | 32 | 10 | 17 | 7½ |
| United States: | | | | | | | | | | | |
| 6 per cent. 5-20 Bonds, 1862..... | | 94½ | 90 | 107 | 101½ | 103 | 101 | ..... | ..... | ..... | ..... |
| 5 p. c. 10-40 Bonds, 1864..... | | 93 | 88½ | 106 | 102½ | 104 | 103 | 103 | 105 | 111½ | 106½ |
| 6 per cent. Debt, 1865..... | | 96½ | 91 | 110½ | 105 | 105 | 101 | 103 | 102 | 108 | 102½ |
| Massachusetts 5 per cent. Debt, 1866..... | | 97 | 89 | 98 | 83 | 90 | 83 | 108 | 101 | 103 | 103 |
| Virginia 6 p. c. New Funded Debt..... | | 55 | 43 | 52 | 40 | 53 | 42 | 67 | 53 | 72 | 53 |
| Venezuela: | | | | | | | | | | | |
| 6 per cent. Debt, 1864 | 60 | 24 | 15 | 23 | 13 | 20 | 8 | 16 | 6 | 15 | 10 |
| Victoria: | | | | | | | | | | | |
| 6 p. c. Railway Loan.. | Par. | 116 | 111 | 115½ | 110 | 117 | 112 | 113½ | 108½ | 114 | 107 |

THE WEALTH OF GREAT BRITAIN.

IN the entire absence of any attempted statement of the amount of British wealth through the census of the United Kingdom, an estimate laid before the Statistical Society of London in 1873 by Mr. R. Giffin is interesting, though unauthoritative. Mr. Giffin's figures are based upon the property and income tax returns, supplemented by conjectural estimates of the amount of capital which yields no income, or which escapes taxation in all forms. Capitalizing the incomes reported from all sources in 1875, and which amounted to £277,586,000, at from four years' to thirty years' purchase (the latter rate for lands), he arrives at the gross sum of £6,643,120,000 as the probable value of property which contributes to the revenue under the income tax. To this are added foreign investments, movable property yielding no income, government property, etc., to the amount of £1,905,000,000, making the sum of £8,548,120,000 (or £42,740,800,000) as the estimated aggregate of the wealth of Great Britain. This is about eleven times the amount of the national debt of that country. Mr. Giffin also calculates that the increase of British capital from 1865 to 1875 must have been at least 2,000,000,000 of pounds sterling, or three times the amount of the public debt; and that while population has increased at the rate of only 1 per cent per annum, capital has grown at the rate of 3 to 4 per cent per annum.

[Condensed, with additions, from the Financial Review, 1877.]

TABLE FOR INVESTORS.

THE following table shows the rate per cent of annual income to be realized from stocks or bonds bearing any given rate of yearly dividends or interest, from 1 to 15 per cent, when purchased at various prices from 10 to 300 per cent. This table applies equally well to both stocks and bonds, and has nothing to do with the length of time which a bond has to run to maturity.

For example: To ascertain what rate of annual interest will be realized on a bond or stock which bears 7 per cent per annum and can be purchased at 92 (i.e., at 92 per cent of its par value, whatever the par may be), find 92 in the column of "purchase price" and follow that line across to the column headed "7 per cent," which will show the correct figures—in the present instance, $7\frac{1}{2}$ per cent.

| Purchase Price. | 3 per cent. | 3.65 per cent. | 4 per cent. | 4½ per cent. | 5 per cent. | 6 per cent. | 7 per cent. | 7½ per cent. | 8 per cent. | 9 per cent. | 10 per cent. | 12 per cent. | 15 per cent. |
|-----------------|-------------|----------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|
| 10.... | 30 | 36.50 | 40 | 45 | 50 | 60 | 70 | 73 | 80 | 90 | 100 | 120 | 150 |
| 15.... | 20 | 24.33 | 26.66 | 30 | 33.33 | 40 | 46.66 | 48.66 | 53.33 | 60 | 66.66 | 80 | 100 |
| 20.... | 15 | 18.25 | 20 | 22.50 | 25 | 30 | 35 | 36.50 | 40 | 45 | 50 | 60 | 75 |
| 22.... | 13.63 | 16.59 | 18.18 | 20.45 | 22.72 | 27.27 | 31.81 | 33.18 | 36.36 | 40.90 | 45.45 | 54.54 | 68.18 |
| 24.... | 12.50 | 15.20 | 16.66 | 18.75 | 20.83 | 25 | 29.16 | 30.41 | 33.33 | 37.50 | 41.66 | 50 | 62.50 |
| 26.... | 11.53 | 14.03 | 15.38 | 17.30 | 19.23 | 23.07 | 26.92 | 28.07 | 30.76 | 34.61 | 38.46 | 46.15 | 57.69 |
| 28.... | 10.71 | 13.03 | 14.28 | 16.07 | 17.85 | 21.42 | 25 | 26.07 | 28.57 | 32.14 | 35.71 | 42.85 | 53.57 |
| 30.... | 10 | 12.16 | 13.33 | 15 | 16.66 | 20 | 23.33 | 24.33 | 26.66 | 30 | 33.33 | 40 | 50 |
| 32.... | 9.37 | 11.40 | 12.50 | 14.06 | 15.62 | 18.75 | 21.87 | 22.81 | 25 | 28.12 | 31.25 | 37.50 | 46.87 |
| 34.... | 8.82 | 10.73 | 11.76 | 13.23 | 14.70 | 17.64 | 20.58 | 21.47 | 23.52 | 26.47 | 29.41 | 35.29 | 44.11 |
| 36.... | 8.33 | 10.13 | 11.11 | 12.50 | 13.88 | 16.66 | 19.44 | 20.27 | 22.22 | 25 | 27.77 | 33.33 | 41.66 |
| 38.... | 7.89 | 9.60 | 10.52 | 11.84 | 13.15 | 15.78 | 18.42 | 19.21 | 21.05 | 23.68 | 26.31 | 31.57 | 39.47 |
| 40.... | 7.50 | 9.12 | 10 | 11.25 | 12.50 | 15 | 17.50 | 18.25 | 20 | 22.50 | 25 | 30 | 37.50 |
| 42.... | 7.14 | 8.69 | 9.52 | 10.71 | 11.90 | 14.28 | 16.66 | 17.38 | 19.04 | 21.42 | 23.80 | 28.57 | 35.71 |
| 44.... | 6.81 | 8.29 | 9.09 | 10.24 | 11.35 | 13.63 | 15.90 | 16.59 | 18.18 | 20.45 | 22.72 | 27.27 | 34.09 |
| 46.... | 6.52 | 7.93 | 8.69 | 9.78 | 10.86 | 13.04 | 15.21 | 15.86 | 17.39 | 19.56 | 21.73 | 26.08 | 32.60 |
| 48.... | 6.25 | 7.60 | 8.33 | 9.37 | 10.41 | 12.50 | 14.58 | 15.20 | 16.66 | 18.75 | 20.83 | 25 | 31.25 |
| 50.... | 6 | 7.30 | 8 | 9 | 10 | 12 | 14 | 14.60 | 16 | 18 | 20 | 24 | 30 |
| 51.... | 5.88 | 7.15 | 7.84 | 8.82 | 9.80 | 11.76 | 13.72 | 14.31 | 15.68 | 17.64 | 19.60 | 23.52 | 29.41 |
| 52.... | 5.76 | 7.01 | 7.69 | 8.65 | 9.61 | 11.53 | 13.46 | 14.03 | 15.38 | 17.30 | 19.23 | 23.07 | 28.84 |
| 53.... | 5.66 | 6.88 | 7.54 | 8.49 | 9.43 | 11.32 | 13.20 | 13.77 | 15.09 | 16.98 | 18.86 | 22.64 | 28.30 |
| 54.... | 5.55 | 6.75 | 7.40 | 8.33 | 9.25 | 11.11 | 12.96 | 13.51 | 14.81 | 16.66 | 18.51 | 22.22 | 27.77 |
| 55.... | 5.45 | 6.63 | 7.27 | 8.18 | 9.09 | 10.90 | 12.72 | 13.27 | 14.54 | 16.36 | 18.18 | 21.81 | 27.27 |
| 56.... | 5.35 | 6.51 | 7.14 | 8.03 | 8.92 | 10.70 | 12.50 | 13.03 | 14.28 | 16.07 | 17.85 | 21.42 | 26.78 |
| 57.... | 5.26 | 6.40 | 7.01 | 7.89 | 8.77 | 10.52 | 12.27 | 12.80 | 14.03 | 15.78 | 17.54 | 21.05 | 26.31 |
| 58.... | 5.17 | 6.29 | 6.89 | 7.75 | 8.62 | 10.34 | 12.06 | 12.58 | 13.79 | 15.51 | 17.24 | 20.68 | 25.66 |
| 59.... | 5.08 | 6.18 | 6.77 | 7.62 | 8.47 | 10.16 | 11.86 | 12.37 | 13.55 | 15.25 | 16.94 | 20.33 | 25.43 |
| 60.... | 5 | 6.08 | 6.66 | 7.50 | 8.33 | 10 | 11.66 | 12.16 | 13.33 | 15 | 16.66 | 20 | 25 |
| 61.... | 4.91 | 5.97 | 6.55 | 7.37 | 8.19 | 9.83 | 11.47 | 11.95 | 13.11 | 14.75 | 16.39 | 19.67 | 24.69 |
| 62.... | 4.83 | 5.88 | 6.45 | 7.25 | 8.06 | 9.67 | 11.29 | 11.77 | 12.90 | 14.51 | 16.14 | 19.35 | 24.19 |
| 63.... | 4.76 | 5.79 | 6.34 | 7.14 | 7.93 | 9.52 | 11.11 | 11.58 | 12.69 | 14.28 | 15.87 | 19.04 | 23.60 |
| 64.... | 4.68 | 5.70 | 6.25 | 7.03 | 7.81 | 9.37 | 10.93 | 11.40 | 12.50 | 14.06 | 15.62 | 18.75 | 23.43 |
| 65.... | 4.61 | 5.61 | 6.15 | 6.92 | 7.69 | 9.23 | 10.76 | 11.23 | 12.30 | 13.84 | 15.38 | 18.46 | 23.07 |
| 66.... | 4.54 | 5.53 | 6.06 | 6.81 | 7.57 | 9.09 | 10.60 | 11.06 | 12.12 | 13.68 | 15.15 | 18.18 | 22.72 |
| 67.... | 4.47 | 5.44 | 5.97 | 6.71 | 7.46 | 8.95 | 10.44 | 10.89 | 11.94 | 13.43 | 14.92 | 17.91 | 22.38 |
| 68.... | 4.41 | 5.36 | 5.88 | 6.61 | 7.35 | 8.82 | 10.29 | 10.78 | 11.76 | 13.28 | 14.70 | 17.64 | 22.05 |
| 69.... | 4.34 | 5.28 | 5.79 | 6.52 | 7.24 | 8.69 | 10.14 | 10.57 | 11.59 | 13.04 | 14.49 | 17.39 | 21.73 |
| 70.... | 4.28 | 5.21 | 5.71 | 6.42 | 7.14 | 8.57 | 10 | 10.42 | 11.43 | 12.85 | 14.28 | 17.14 | 21.42 |
| 71.... | 4.22 | 5.14 | 5.63 | 6.33 | 7.04 | 8.45 | 9.85 | 10.28 | 11.26 | 12.67 | 14.08 | 16.90 | 21.12 |
| 72.... | 4.16 | 5.06 | 5.55 | 6.25 | 6.94 | 8.33 | 9.73 | 10.13 | 11.11 | 12.50 | 13.89 | 16.66 | 20.83 |
| 73.... | 4.10 | 5 | 5.47 | 6.16 | 6.84 | 8.21 | 9.53 | 10 | 10.95 | 12.32 | 13.69 | 16.43 | 20.54 |
| 74.... | 4.05 | 4.93 | 5.40 | 6.08 | 6.75 | 8.10 | 9.45 | 9.86 | 10.80 | 12.16 | 13.51 | 16.21 | 20.27 |
| 75.... | 4 | 4.86 | 5.33 | 6 | 6.66 | 8 | 9.33 | 9.73 | 10.66 | 12 | 13.33 | 16 | 20 |
| 76.... | 3.94 | 4.80 | 5.26 | 5.92 | 6.57 | 7.89 | 9.21 | 9.60 | 10.52 | 11.84 | 13.15 | 15.78 | 19.73 |
| 77.... | 3.89 | 4.74 | 5.19 | 5.84 | 6.49 | 7.79 | 9.09 | 9.48 | 10.38 | 11.69 | 12.99 | 15.58 | 19.43 |
| 78.... | 3.84 | 4.67 | 5.12 | 5.76 | 6.41 | 7.69 | 8.97 | 9.35 | 10.25 | 11.53 | 12.82 | 15.38 | 19.23 |
| 79.... | 3.79 | 4.62 | 5.06 | 5.69 | 6.32 | 7.59 | 8.86 | 9.24 | 10.12 | 11.39 | 12.65 | 15.18 | 18.93 |
| 80.... | 3.75 | 4.56 | 5 | 5.62 | 6.25 | 7.50 | 8.75 | 9.12 | 10 | 11.25 | 12.50 | 15 | 18.75 |
| 81.... | 3.70 | 4.50 | 4.93 | 5.55 | 6.17 | 7.40 | 8.64 | 9.01 | 9.87 | 11.11 | 12.34 | 14.81 | 18.51 |
| 82.... | 3.65 | 4.45 | 4.87 | 5.49 | 6.09 | 7.31 | 8.53 | 8.90 | 9.75 | 10.97 | 12.19 | 14.63 | 18.29 |
| 83.... | 3.61 | 4.39 | 4.81 | 5.42 | 6.02 | 7.22 | 8.43 | 8.79 | 9.63 | 10.84 | 12.04 | 14.45 | 18.04 |
| 84.... | 3.57 | 4.34 | 4.76 | 5.35 | 5.95 | 7.14 | 8.33 | 8.69 | 9.52 | 10.71 | 11.90 | 14.28 | 17.85 |
| 85.... | 3.52 | 4.29 | 4.70 | 5.29 | 5.88 | 7.05 | 8.23 | 8.58 | 9.41 | 10.58 | 11.76 | 14.11 | 17.64 |

TABLE FOR INVESTORS—(Continued).

| Purchase Price. | 3 per cent. | 3.65 per cent. | 4 per cent. | 4½ per cent. | 5 per cent. | 6 per cent. | 7 per cent. | 7½ per cent. | 8 per cent. | 9 per cent. | 10 per cent. | 12 per cent. | 13 per cent. |
|-----------------|-------------|----------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|
| 86... | 3.43 | 4.24 | 4.65 | 5.23 | 5.81 | 6.97 | 8.13 | 8.48 | 9.30 | 10.46 | 11.62 | 13.95 | 17.44 |
| 87... | 3.44 | 4.19 | 4.59 | 5.17 | 5.74 | 6.89 | 8.04 | 8.39 | 9.19 | 10.34 | 11.49 | 13.79 | 17.24 |
| 88... | 3.40 | 4.14 | 4.54 | 5.11 | 5.68 | 6.81 | 7.94 | 8.29 | 9.09 | 10.23 | 11.36 | 13.63 | 17.04 |
| 89... | 3.37 | 4.10 | 4.49 | 5.05 | 5.61 | 6.74 | 7.86 | 8.20 | 8.98 | 10.11 | 11.23 | 13.48 | 16.85 |
| 90... | 3.33 | 4.05 | 4.44 | 5 | 5.55 | 6.66 | 7.77 | 8.11 | 8.88 | 10 | 11.11 | 13.33 | 16.66 |
| 91... | 3.29 | 4.01 | 4.39 | 4.94 | 5.49 | 6.59 | 7.69 | 8.03 | 8.79 | 9.89 | 10.98 | 13.18 | 16.43 |
| 92... | 3.25 | 3.96 | 4.34 | 4.89 | 5.43 | 6.52 | 7.60 | 7.93 | 8.69 | 9.78 | 10.86 | 13.04 | 16.30 |
| 93... | 3.22 | 3.93 | 4.30 | 4.83 | 5.37 | 6.45 | 7.52 | 7.84 | 8.60 | 9.67 | 10.75 | 12.90 | 16.12 |
| 94... | 3.19 | 3.89 | 4.25 | 4.78 | 5.31 | 6.38 | 7.44 | 7.76 | 8.51 | 9.57 | 10.65 | 12.76 | 15.95 |
| 95... | 3.15 | 3.84 | 4.21 | 4.73 | 5.26 | 6.31 | 7.36 | 7.68 | 8.42 | 9.47 | 10.55 | 12.63 | 15.78 |
| 96... | 3.10 | 3.80 | 4.16 | 4.68 | 5.20 | 6.25 | 7.29 | 7.60 | 8.33 | 9.37 | 10.41 | 12.50 | 15.73 |
| 97... | 3.09 | 3.76 | 4.12 | 4.63 | 5.15 | 6.18 | 7.21 | 7.52 | 8.24 | 9.27 | 10.30 | 12.37 | 15.46 |
| 98... | 3.06 | 3.72 | 4.08 | 4.59 | 5.10 | 6.12 | 7.14 | 7.45 | 8.16 | 9.18 | 10.20 | 12.24 | 15.30 |
| 99... | 3.03 | 3.68 | 4.04 | 4.54 | 5.05 | 6.06 | 7.07 | 7.37 | 8.08 | 9.09 | 10.10 | 12.12 | 15.15 |
| 100... | 3 | 3.65 | 4 | 4.50 | 5 | 6 | 7 | 7.20 | 8 | 9 | 10 | 12 | 15 |
| 101... | 2.97 | 3.61 | 3.96 | 4.45 | 4.95 | 5.94 | 6.93 | 7.22 | 7.92 | 8.91 | 9.90 | 11.88 | 14.85 |
| 102... | 2.94 | 3.57 | 3.92 | 4.41 | 4.90 | 5.88 | 6.86 | 7.15 | 7.84 | 8.82 | 9.80 | 11.76 | 14.70 |
| 103... | 2.91 | 3.54 | 3.88 | 4.36 | 4.85 | 5.82 | 6.79 | 7.08 | 7.76 | 8.73 | 9.70 | 11.65 | 14.56 |
| 104... | 2.88 | 3.50 | 3.84 | 4.32 | 4.80 | 5.76 | 6.72 | 7.01 | 7.69 | 8.65 | 9.61 | 11.53 | 14.42 |
| 105... | 2.85 | 3.47 | 3.80 | 4.28 | 4.76 | 5.71 | 6.66 | 6.95 | 7.61 | 8.57 | 9.52 | 11.42 | 14.28 |
| 106... | 2.83 | 3.44 | 3.77 | 4.24 | 4.71 | 5.66 | 6.60 | 6.88 | 7.54 | 8.49 | 9.43 | 11.32 | 14.15 |
| 107... | 2.80 | 3.41 | 3.73 | 4.20 | 4.67 | 5.60 | 6.54 | 6.82 | 7.47 | 8.41 | 9.34 | 11.21 | 14.01 |
| 108... | 2.77 | 3.37 | 3.70 | 4.16 | 4.63 | 5.55 | 6.48 | 6.75 | 7.40 | 8.33 | 9.25 | 11.11 | 13.88 |
| 109... | 2.75 | 3.34 | 3.66 | 4.12 | 4.58 | 5.50 | 6.42 | 6.69 | 7.33 | 8.25 | 9.17 | 11 | 13.76 |
| 110... | 2.72 | 3.31 | 3.63 | 4.09 | 4.54 | 5.45 | 6.36 | 6.63 | 7.27 | 8.18 | 9.09 | 10.90 | 13.63 |
| 111... | 2.70 | 3.28 | 3.60 | 4.05 | 4.50 | 5.40 | 6.30 | 6.57 | 7.20 | 8.10 | 9 | 10.81 | 13.51 |
| 112... | 2.67 | 3.25 | 3.57 | 4.01 | 4.46 | 5.35 | 6.25 | 6.51 | 7.14 | 8.03 | 8.92 | 10.71 | 13.39 |
| 113... | 2.65 | 3.23 | 3.54 | 3.98 | 4.42 | 5.30 | 6.19 | 6.45 | 7.07 | 7.96 | 8.84 | 10.61 | 13.27 |
| 114... | 2.63 | 3.20 | 3.50 | 3.94 | 4.38 | 5.26 | 6.14 | 6.40 | 7.01 | 7.89 | 8.77 | 10.52 | 13.15 |
| 115... | 2.60 | 3.17 | 3.47 | 3.91 | 4.35 | 5.21 | 6.08 | 6.34 | 6.95 | 7.82 | 8.69 | 10.43 | 13.04 |
| 116... | 2.58 | 3.14 | 3.44 | 3.87 | 4.31 | 5.17 | 6.03 | 6.29 | 6.89 | 7.75 | 8.61 | 10.34 | 12.93 |
| 117... | 2.56 | 3.11 | 3.41 | 3.84 | 4.27 | 5.12 | 5.98 | 6.23 | 6.83 | 7.69 | 8.54 | 10.25 | 12.83 |
| 118... | 2.54 | 3.09 | 3.38 | 3.81 | 4.23 | 5.08 | 5.93 | 6.18 | 6.77 | 7.62 | 8.47 | 10.16 | 12.71 |
| 119... | 2.52 | 3.06 | 3.36 | 3.78 | 4.20 | 5.04 | 5.88 | 6.13 | 6.72 | 7.56 | 8.40 | 10.08 | 12.60 |
| 120... | 2.50 | 3.04 | 3.33 | 3.75 | 4.16 | 5 | 5.83 | 6.06 | 6.66 | 7.50 | 8.33 | 10 | 12.50 |
| 121... | 2.47 | 3.01 | 3.30 | 3.71 | 4.13 | 4.95 | 5.78 | 6.03 | 6.61 | 7.43 | 8.26 | 9.91 | 12.39 |
| 122... | 2.45 | 2.99 | 3.27 | 3.68 | 4.09 | 4.91 | 5.73 | 5.98 | 6.55 | 7.37 | 8.19 | 9.83 | 12.29 |
| 123... | 2.43 | 2.96 | 3.25 | 3.65 | 4.06 | 4.87 | 5.69 | 5.93 | 6.50 | 7.31 | 8.13 | 9.76 | 12.19 |
| 124... | 2.41 | 2.94 | 3.22 | 3.62 | 4.03 | 4.83 | 5.65 | 5.88 | 6.45 | 7.25 | 8.06 | 9.67 | 12.09 |
| 125... | 2.40 | 2.90 | 3.20 | 3.60 | 4 | 4.80 | 5.60 | 5.80 | 6.40 | 7.20 | 8 | 9.60 | 12 |
| 130... | 2.30 | 2.80 | 3.08 | 3.46 | 3.84 | 4.61 | 5.38 | 5.61 | 6.15 | 6.92 | 7.69 | 9.23 | 11.53 |
| 135... | 2.23 | 2.66 | 2.96 | 3.33 | 3.70 | 4.44 | 5.18 | 5.33 | 5.92 | 6.66 | 7.40 | 8.88 | 11.11 |
| 140... | 2.14 | 2.60 | 2.85 | 3.21 | 3.57 | 4.28 | 5 | 5.21 | 5.71 | 6.42 | 7.14 | 8.57 | 10.71 |
| 145... | 2.06 | 2.51 | 2.75 | 3.10 | 3.44 | 4.13 | 4.82 | 5.03 | 5.51 | 6.20 | 6.89 | 8.27 | 10.34 |
| 150... | 2 | 2.43 | 2.66 | 3 | 3.33 | 4 | 4.66 | 4.86 | 5.33 | 6 | 6.66 | 8 | 10 |
| 155... | 1.93 | 2.35 | 2.58 | 2.90 | 3.22 | 3.87 | 4.51 | 4.70 | 5.16 | 5.80 | 6.45 | 7.74 | 9.67 |
| 160... | 1.87 | 2.28 | 2.50 | 2.81 | 3.13 | 3.75 | 4.37 | 4.56 | 5 | 5.62 | 6.25 | 7.50 | 9.37 |
| 165... | 1.81 | 2.21 | 2.43 | 2.72 | 3.03 | 3.63 | 4.24 | 4.42 | 4.84 | 5.45 | 6.06 | 7.27 | 9.00 |
| 170... | 1.76 | 2.14 | 2.35 | 2.64 | 2.94 | 3.52 | 4.11 | 4.29 | 4.70 | 5.29 | 5.88 | 7.05 | 8.83 |
| 175... | 1.71 | 2.08 | 2.28 | 2.57 | 2.85 | 3.43 | 4 | 4.17 | 4.57 | 5.14 | 5.71 | 6.85 | 8.57 |
| 180... | 1.66 | 2.02 | 2.23 | 2.50 | 2.77 | 3.33 | 3.88 | 4.05 | 4.44 | 5 | 5.55 | 6.66 | 8.33 |
| 185... | 1.63 | 1.97 | 2.16 | 2.43 | 2.70 | 3.24 | 3.78 | 3.94 | 4.32 | 4.86 | 5.40 | 6.43 | 8.10 |
| 190... | 1.57 | 1.92 | 2.10 | 2.36 | 2.63 | 3.15 | 3.68 | 3.84 | 4.21 | 4.73 | 5.26 | 6.31 | 7.89 |
| 195... | 1.53 | 1.89 | 2.05 | 2.30 | 2.56 | 3.07 | 3.58 | 3.79 | 4.10 | 4.61 | 5.13 | 6.15 | 7.69 |
| 200... | 1.50 | 1.87 | 2 | 2.25 | 2.50 | 3 | 3.50 | 3.65 | 4 | 4.50 | 5 | 6 | 7.50 |
| 210... | 1.42 | 1.73 | 1.90 | 2.14 | 2.38 | 2.85 | 3.33 | 3.47 | 3.80 | 4.28 | 4.78 | 5.71 | 7.14 |
| 220... | 1.36 | 1.65 | 1.81 | 2.04 | 2.27 | 2.72 | 3.18 | 3.31 | 3.63 | 4.09 | 4.54 | 5.45 | 6.81 |
| 225... | 1.33 | 1.62 | 1.77 | 2 | 2.23 | 2.66 | 3.11 | 3.24 | 3.55 | 4 | 4.44 | 5.33 | 6.66 |
| 230... | 1.30 | 1.58 | 1.73 | 1.97 | 2.17 | 2.60 | 3.04 | 3.17 | 3.47 | 3.91 | 4.34 | 5.21 | 6.52 |
| 240... | 1.25 | 1.53 | 1.66 | 1.87 | 2.08 | 2.50 | 2.91 | 3.04 | 3.33 | 3.75 | 4.16 | 5 | 6.25 |
| 250... | 1.20 | 1.46 | 1.60 | 1.80 | 2 | 2.40 | 2.80 | 2.92 | 3.20 | 3.60 | 4 | 4.80 | 6 |
| 275... | 1.09 | 1.33 | 1.45 | 1.63 | 1.81 | 2.18 | 2.54 | 2.65 | 2.90 | 3.27 | 3.63 | 4.36 | 5.45 |
| 300... | 1 | 1.20 | 1.33 | 1.50 | 1.66 | 2 | 2.33 | 2.40 | 2.66 | 3 | 3.33 | 4 | 5 |

DEBTS, REVENUES, EXPENDITURES, AND COMMERCE OF NATIONS.

Compiled from the Almanach de Gotha, the Statistical Abstract of the United Kingdom, and from Official Documents. The figures are for the latest attainable years as to each country.

| COUNTRIES. | Public Debt. | Revenue. | Expenditures. | Imports. | Exports. |
|------------------------|----------------|-------------|---------------|---------------|---------------|
| | \$ | \$ | \$ | \$ | \$ |
| Argentine Republic. | 68,416,043 | 20,683,537 | 20,663,337 | 34,910,290 | 44,041,131 |
| Austria proper. | 1,419,096,072 | 186,776,170 | 202,035,039 | | |
| Austria-Hungary. | 205,999,970 | 60,000,000 | 58,845,695 | 258,450,000 | 204,800,000 |
| Belgium. | 232,684,553 | 50,048,972 | 49,045,128 | 258,504,000 | 222,920,400 |
| Bolivia. | 17,500,000 | 2,929,574 | 4,505,504 | 5,750,000 | 5,000,000 |
| Brazil. | 368,351,139 | 72,548,454 | 67,789,297 | 88,045,520 | 104,232,800 |
| Canada. | 112,248,378 | 22,700,000 | 24,100,000 | 93,200,000 | 89,851,328 |
| Chili. | 50,677,600 | 21,294,383 | 22,052,187 | 29,050,197 | 37,189,961 |
| China. | 3,200,000 | 230,000,000 | | 105,000,000 | 114,000,000 |
| Colombia. | 15,399,304 | 3,114,619 | 2,779,410 | 6,949,028 | 9,994,386 |
| Denmark. | 52,000,000 | 13,464,066 | 13,074,620 | 50,311,240 | 33,933,640 |
| Ecuador. | 17,500,000 | 20,800,000 | 21,500,455 | 7,596,264 | 3,913,536 |
| Egypt. | 450,540,000 | 54,820,818 | 54,737,670 | 29,000,000 | 68,000,000 |
| France. | 4,695,600,000 | 548,605,716 | 589,334,162 | 892,360,000 | 961,540,000 |
| Germany. | 30,000,000 | 135,584,249 | 135,000,000 | 918,850,000 | 608,200,000 |
| Gt. Britain & Ireland. | 3,888,907,980 | 398,825,180 | 412,017,475 | 1,969,695,885 | 1,263,883,010 |
| Greece. | 98,012,000 | 7,765,360 | 7,832,768 | 24,073,400 | 15,097,000 |
| Guiana. | 463,000 | 1,580,000 | 4,580,000 | 1,811,770 | 2,241,040 |
| Hawaiian Islands. | 548,022 | 504,095 | 460,000 | 1,682,000 | 2,090,000 |
| Hungary Proper. | 274,358,915 | 106,069,258 | 116,902,036 | | |
| India, British. | 576,694,330 | 272,649,885 | 292,503,145 | 244,000,000 | 325,600,000 |
| Italy. | 1,977,117,845 | 279,550,000 | 278,121,440 | 265,899,000 | 213,371,000 |
| Japan. | 145,000,000 | 63,120,600 | 62,993,850 | 24,087,515 | 27,669,465 |
| Luxembourg. | 2,400,000 | 1,438,660 | 1,409,344 | | |
| Mexico. | 395,500,000 | 23,807,671 | 24,891,522 | 29,062,407 | 31,659,151 |
| Netherlands. | 391,242,322 | 43,973,345 | 48,785,061 | 305,416,000 | 226,750,000 |
| Norway. | 13,526,128 | 11,364,220 | 10,726,500 | 52,017,280 | 33,933,640 |
| Paraguay. | 12,098,417 | 609,000 | 750,000 | 565,595 | 607,653 |
| Peru. | 213,482,680 | 29,801,195 | 33,755,875 | | 37,500,000 |
| Persia. | No debt. | 8,240,000 | 8,750,000 | 5,625,000 | 2,813,000 |
| Portugal. | 428,977,613 | 29,568,816 | 29,720,336 | 38,131,520 | 26,448,600 |
| Roumania. | 90,000,000 | 19,578,885 | 19,573,885 | 16,200,000 | 28,440,000 |
| Russia. | 2,020,092,043 | 489,377,280 | 430,557,408 | 365,426,400 | 286,484,000 |
| Servia. | 5,000,000 | 2,968,422 | 2,924,779 | 6,197,000 | 5,500,000 |
| Siam. | | 4,000,000 | 4,000,000 | 7,100,000 | 8,300,000 |
| Spain. | 2,401,612,001 | 131,500,000 | 131,824,000 | 66,670,000 | 75,564,000 |
| Sweden. | 39,241,142 | 23,563,201 | 21,872,193 | 85,906,800 | 62,532,960 |
| Switzerland. | 6,225,000 | 8,297,480 | 8,524,400 | Not given. | Not given. |
| Turkey. | 1,212,772,200 | 88,764,050 | 140,000,000 | 72,430,000 | 51,000,000 |
| United States. | 2,028,648,111 | 257,763,879 | 236,964,327 | 466,872,846 | 739,107,578 |
| Uruguay. | 43,615,000 | 6,965,683 | 6,800,000 | 21,917,800 | 16,953,000 |
| Venezuela. | 62,659,687 | 3,549,000 | 3,642,500 | 12,000,000 | 17,000,000 |
| Total debts. | 24,097,349,195 | | | | |

Congressional Appropriations for Fiscal Years 1878 and 1879.

| OBJECT. | Year ending June 30, 1878. | Year ending June 30, 1879. | OBJECT. | Year ending June 30, 1878. | Year ending June 30, 1879. |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Legislative, executive and judicial expenses. | \$15,450,315 | \$15,271,251 | Fortifications. | \$275,000 | \$275,000 |
| Sundry civil exp's | 17,133,750 | 26,004,400 | Indians. | 4,829,866 | 4,746,275 |
| Consular and diplomatic. | 1,138,374 | 1,077,635 | Rivers & harbors. | No app'n. | 8,201,700 |
| Post Office. | 33,584,143 | 33,256,373 | South. war claims allowed. | 464,050 | 418,294 |
| Army. | 25,712,500 | 25,593,486 | Deficiencies. | 2,745,481 | 11,698,079 |
| Naval service. | 13,541,024 | 14,152,603 | Miscellaneous objects. | 798,008 | 1,631,344 |
| Pensions. | 28,588,000 | 29,371,574 | | | |
| Military Academy. | 286,604 | 292,805 | Total. | \$144,492,149 | 172,190,628 |

1. Includes \$6,600,000 for the Halifax award.

**NATIONAL DEBTS, EXPENDITURE, AND COMMERCE,
PER CAPITA.**

[Computed from the official census and finance statements of each country.]

| COUNTRY. | Debt per head. | Annual expenditure per head. | Annual imports per head. | Annual exports per head. |
|--------------------------------|----------------|------------------------------|--------------------------|--------------------------|
| Argentine Republic..... | 39.07 | 12.04 | 20.31 | 25.66 |
| Austria-Hungary..... | 5.73 | 1.63 | 7.19 | 5.70 |
| Austria proper..... | 65.26 | 9.29 | ..... | ..... |
| Hungary proper..... | 17.68 | 7.53 | ..... | ..... |
| Belgium..... | 48.08 | 10.13 | 53.41 | 46.00 |
| Bolivia..... | 10.04 | 2.58 | 3.30 | 2.08 |
| Brazil..... | 36.43 | 6.70 | 8.71 | 10.31 |
| Canada..... | 31.16 | 6.69 | 25.87 | 24.94 |
| Chili..... | 24.49 | 10.66 | 18.21 | 17.95 |
| Colombia..... | 5.23 | .94 | 2.35 | 3.38 |
| Denmark..... | 27.19 | 6.83 | 26.31 | 17.95 |
| Ecuador..... | 20.20 | 24.36 | 8.77 | 4.51 |
| Egypt..... | 35.83 | 10.49 | 5.53 | 12.94 |
| France..... | 127.23 | 14.07 | 24.17 | 26.05 |
| German Empire..... | .70 | 3.15 | 21.54 | 14.21 |
| Prussia..... | 10.55 | 6.33 | ..... | ..... |
| Great Britain and Ireland..... | 114.62 | 12.35 | 59.11 | 40.59 |
| Greece..... | 27.50 | 5.35 | 16.49 | 10.30 |
| India, British..... | 3.01 | 1.43 | .93 | 1.48 |
| Italy..... | 71.94 | 10.12 | 9.67 | 8.83 |
| Mexico..... | 42.63 | 2.68 | 3.13 | 3.41 |
| Netherlands..... | 101.21 | 11.37 | 71.27 | 67.70 |
| Norway..... | 7.48 | 5.91 | 28.77 | 18.77 |
| Paraguay..... | 54.73 | 3.39 | 2.55 | 2.74 |
| Peru..... | 79.82 | 12.63 | ..... | 14.02 |
| Portugal..... | 96.84 | 6.70 | 8.60 | 5.97 |
| Roumania..... | 11.83 | 3.85 | 3.19 | 5.60 |
| Russia..... | 16.33 | 4.83 | 4.23 | 3.23 |
| Servia..... | 3.61 | 1.43 | 4.58 | 4.06 |
| Spain..... | 142.71 | 7.83 | 3.96 | 4.48 |
| Sweden..... | 8.86 | 4.93 | 19.39 | 14.11 |
| Switzerland..... | 2.25 | 3.08 | ..... | ..... |
| Turkey..... | 31.70 | 4.38 | 2.23 | 1.59 |
| United States..... | 52.50 | 0.13 | 12.04 | 16.92 |
| Uruguay..... | 98.00 | 15.23 | 49.25 | 38.09 |
| Venezuela..... | 35.11 | 2.04 | 6.72 | 9.52 |

FINANCES OF THE GREAT CITIES OF EUROPE.

THE Director of the Statistical Bureau of Buda-Pesth, Hungary, Mr. J. Kőrösi, has published two volumes upon the population and finances of the principal European cities, containing a mass of facts which, while not thoroughly digested or tabulated, are of very great value to the statistician.

From that part of these volumes relating to municipal finances, we gather the fact that in Europe (as in the United States) the progress of municipal ambition, the march of luxury, and the passion for expense, are continually swelling the public debts and the taxation of the people. Expenditures increase in a much greater ratio than population or public wealth. Not only the indispensable expenditures of maintaining cities with all the improvements of modern civilization, sewerage, lighting by gas, sanitary provisions, street pavements, and juvenile instruction, but other classes of expenditure, go on continually increasing. Among those expenditures, which may be

classed rather as expenditures of luxury than of necessity, may be reckoned fine boulevards, avenues, shade trees, public parks, and splendid public buildings. While Paris, that brilliant and showy capital, full of opulence and luxury, stands at the head of the cities of Europe in costliness, there is hardly a little city but has an ambition to take Paris as a model for its own embellishment and improvement. Every city desires to substitute for its ancient and often picturesque but narrow streets, a city with broad avenues and splendid boulevards, and at least one public park for the resort and recreation of the people. These things cost money; and accordingly we find that the march of expenditure and taxation is always onward.

We gather in general terms from the figures of Mr. Körösi's book, that there is scarcely a large city in Europe whose ordinary expenditures have not doubled within the last ten years; and this, although the municipal populations have increased only from 15 to 20 per cent. during the same period. Here is a comparative table showing the ordinary expenditures of some of the European cities ten or twelve years ago, and at the present time:

| CITY. | Year. | Expenditure. | Year. | Expenditure. | Expenditure per head. |
|-----------------|-------|--------------|-------|--------------|-----------------------|
| | | Dollars. | | Dollars. | Dollars. |
| Paris..... | 1866 | 30,000,000 | 1878 | 44,000,000 | 21 03 |
| Berlin..... | 1869 | 3,600,000 | 1875 | 9,200,000 | 7 23 |
| Vienna..... | 1865 | 5,200,000 | 1874 | 13,200,000 | 9 23 |
| Munich..... | 1864 | 940,000 | 1874 | 1,080,000 | 5 40 |
| Stuttgart..... | 1864 | 515,000 | 1874 | 6,005,000 | 8 00 |
| Breslau..... | 1866 | 925,000 | 1875 | 1,700,000 | 7 20 |
| Copenhagen..... | 1865 | 800,000 | 1874 | 1,600,000 | 7 00 |
| Florence..... | 1866 | 1,700,000 | 1875 | 6,700,000 | 18 00 |
| Rome..... | 1871 | 2,400,000 | 1875 | 4,000,000 | 11 60 |
| Genoa..... | 1866 | 1,560,000 | 1875 | 2,350,000 | 6 20 |
| Turin..... | 1865 | 2,040,000 | 1874 | 2,400,000 | 8 60 |

DEBTS OF AMERICAN CITIES.

NOTE.—In the American Almanac and Treasury of Facts for 1878, pp. 282-3, appeared a table of Municipal Debts in the United States, presenting a parallel view of the total debt, property valuation, and taxation in 127 cities in 1866 and 1876 comparatively. The following list of the principal cities in the United States exhibits their indebtedness at the latest attainable date, with the valuation of property for the purposes of taxation, and the rate per cent levied, wherever obtainable. In cases where a sinking-fund exists, to be applied to the reduction of debt, the net amount only is given.

| CITIES. | YEAR. | DEBT. | VALUATION OF PROPERTY. | TAX ON \$100. |
|------------------------|-------|------------|------------------------|---------------|
| | | Dollars. | Dollars. | \$ |
| Albany, N. Y. | 1877 | 3,517,789 | 35,617,154 | 2.42 |
| Alexandria, Va. | 1878 | 1,167,600 | 4,000,000 | ... |
| Allegheny, Pa. | 1878 | 1,794,000 | 46,540,496 | 1.53 |
| Augusta, Ga. | 1877 | 323,900 | 4,216,260 | ... |
| Baltimore..... | 1878 | 9,257,445 | 255,000,000 | 2.0834 |
| Bangor, Me. | 1877 | 2,736,643 | 9,642,461 | 2.14 |
| Bath, Me. | 1878 | 1,616,100 | 7,267,690 | 2.45 |
| Boston..... | 1877 | 26,159,777 | 630,427,900 | 1.28 |
| Bridgeport, Ct. | 1877 | 632,081 | ..... | 2.10 |
| Brookline, Mass. | 1877 | 1,310,948 | ..... | ... |
| Brooklyn, N. Y. | 1879 | 37,478,818 | 229,508,016 | 3.17 |
| Buffalo, N. Y. | 1878 | 7,509,257 | 99,975,575 | 1.24 |
| Cambridge, Mass. | 1877 | 3,731,297 | 49,615,140 | 1.80 |
| Charleston, S. C. | 1878 | 4,716,754 | 96,591,778 | 2.60 |
| Chelsea, Mass. | 1877 | 1,530,704 | 15,767,407 | 1.76 |
| Chicago..... | 1877 | 16,633,646 | 148,400,148 | 2.7046 |

DEBTS OF AMERICAN CITIES—Continued.

| CITIES. | YEAR. | DEBT. | VALUATION OF PROPERTY. | TAX ON \$100. |
|------------------------|--------------|-------------|------------------------|-------------------|
| | | Dollars. | Dollars. | \$ |
| Cincinnati..... | 1877 | 23,369,000 | 179,430,143 | 2.91 |
| Cleveland, O..... | 1877 | 7,704,164 | 71,028,151 | 2.86 |
| Columbus, O..... | 1877 | 1,401,800 | 27,133,175 | 2.10 |
| Dayton, O..... | 1877 | 1,074,898 | 19,624,250 | 2.33 |
| Detroit, Mich..... | 1878 | 1,201,400 | 87,865,685 | .90 |
| Elizabeth, N. J..... | 1878 | 5,808,600 | 13,579,650 | 3.56 |
| Evansville, Ind..... | 1877 | 1,455,000 | 23,963,355 | .... |
| Fall River, Mass..... | 1877 | 3,393,979 | 45,658,127 | .... |
| Fitchburg, Mass..... | 1877 | 787,532 | 10,668,310 | .... |
| Galveston, Tex..... | 1877 | 861,400 | .... | .... |
| Hartford, Ct..... | 1878 | 2,152,100 | .... | 1.71 |
| Haverhill, Mass..... | 1877 | 362,218 | 10,342,954 | .... |
| Holyoke, Mass..... | 1877 | 966,500 | 9,390,890 | .... |
| Indianapolis..... | 1877 | 2,064,500 | 55,367,245 | 1.12 |
| Ironton, O..... | 1877 | 125,284 | 3,046,190 | 2.24 |
| Jersey City, N. J..... | 1878 | 14,217,435 | 60,404,281 | 2.36 |
| Lawrence, Mass..... | 1878 | 1,790,700 | 23,789,000 | 1.50 |
| Lewiston, Me..... | 1877 | 1,005,690 | 11,740,602 | 2.00 |
| Louisville, Ky..... | 1878 | 5,500,056 | 63,194,497 | 2.25 |
| Lowell, Mass..... | 1878 | 2,159,594 | 40,064,126 | .... |
| Lynn, Mass..... | 1877 | 1,800,506 | 24,195,329 | 1.72 |
| Manchester, N. H..... | 1878 | 986,127 | 15,300,000 | 1.56(?) |
| Memphis, Tenn..... | 1877 | 4,306,974 | 25,829,600 | 2.00 |
| Meriden, Conn..... | 1877 | 487,330 | .... | 1.90 |
| Milwaukee, Wis..... | 1876 | 2,392,602 | 53,675,185 | 2.50 ¹ |
| Minneapolis, Minn..... | 1876 | 1,178,971 | 21,894,078 | 3.00 |
| Mobile, Ala..... | 1877 | 1,785,122 | 17,140,511 | 1.00 |
| Nashua, N. H..... | 1877 | 507,600 | 8,276,538 | .... |
| Nashville, Tenn..... | 1878 | 1,712,685 | 11,000,000 | 2.00 |
| Newark, N. J..... | 1878 | 8,824,455 | 84,704,000 | 1.98 |
| New Bedford, Mas..... | 1877 | 1,221,993 | 26,133,297 | .... |
| Newburyport, Mas..... | 1877 | 394,858 | 7,644,984 | .... |
| New Haven, Ct..... | 1877 | 891,040 | 46,000,000 | 1.31 |
| New London, Ct..... | .... | 532,500 | .... | 1.00 |
| New Orleans, La..... | 1878 | 20,778,863 | 111,123,695 | 2.93 |
| Newton, Mass..... | 1878 | 1,262,054 | 25,012,980 | 1.88 |
| New York..... | Oct. 1, 1878 | 129,021,244 | 1,098,387,775 | 2.55 |
| Norfolk, Va..... | 1877 | 2,165,067 | .... | .... |
| Norwich, Ct..... | 1877 | 763,278 | .... | 1.60 |
| Paterson, N. J..... | 1878 | 1,284,500 | 19,150,861 | 2.25 |
| Peoria, Ill..... | 1876 | 686,500 | 14,574,105 | .... |
| Philadelphia..... | 1878 | 60,781,984 | 594,968,897 | 2.15 |
| Piqua, O..... | 1877 | 318,650 | 2,697,305 | 2.43 |
| Pittsburg, Pa..... | 1876 | 13,862,669 | 394,905,203 | 2.50 |
| Portland, Me..... | 1877 | 5,130,839 | 19,067,200 | 2.00 |
| Portsmouth, O..... | 1877 | 289,019 | 5,967,973 | 2.75 |
| Providence, R. I..... | 1878 | 10,153,726 | 117,040,500 | 1.45 |
| Quincy, Ill..... | 1878 | 1,725,000 | .... | .... |
| Rochester, N. Y..... | 1877 | 6,008,686 | 50,200,775 | 2.00 |
| Rockland, Me..... | .... | 948,950 | .... | .... |
| St. Joseph, Mo..... | .... | 1,380,900 | 8,583,711 | 2.80 |
| St. Louis..... | 1878 | 22,739,905 | 173,771,240 | 1.75 |
| St. Paul, Minn..... | 1878 | 1,327,150 | 23,061,000 | 1.30 |
| Salem, Mass..... | 1877 | 1,279,615 | 23,810,600 | 1.60 |
| Sandusky, O..... | 1877 | 502,854 | 4,025,848 | 3.92 |
| San Francisco..... | 1878 | 4,869,000 | 244,478,470 | 1.00 |
| Savannah, Ga..... | 1878 | 3,469,300 | 18,200,000 | 1.50 |
| Somerville, Mass..... | 1877 | 1,726,723 | 26,479,400 | .... |
| Springfield, Ill..... | 1877 | 814,020 | 5,644,985 | .... |
| Springfield, Mass..... | 1877 | 1,642,623 | 30,692,776 | 1.32 |
| Taunton, Mass..... | 1877 | 463,108 | 15,870,513 | .... |
| Toledo, O..... | 1877 | 3,778,849 | 19,508,720 | 3.19 |
| Topeka, Kan..... | .... | 341,400 | .... | .... |
| *Washington, D. C..... | 1878 | 23,310,146 | 111,420,760 | 1.50 |
| Worcester, Mass..... | 1878 | 2,256,920 | 41,969,748 | 1.54 |
| Zanesville, O..... | 1877 | 587,193 | 7,525,300 | 2.37 ¹ |

* Including the District of Columbia.

THE INSOLVENT LAWS OF THE UNITED STATES.

THE power conferred by the Constitution upon Congress to establish uniform laws on the subject of bankruptcies has been three times exercised. The bankrupt act of 1800 was limited by its terms to five years, could be enforced only on the application of creditors, and embraced only persons in trade. It was repealed in 1843.

The second bankrupt act, passed in the severely stringent times of 1841, was broader in its provisions, embracing all persons owing debts; but it could be enforced by creditors only against merchants and others established in business. This law was still shorter-lived than the first, having been repealed in March, 1843.

The third bankrupt law, which lasted more than eleven years, was enacted March 3, 1867. Its provisions were far more general than ever before enacted, enabling any person owing debts to the amount of \$300 to take the benefit of the act on his own application, by surrender of his property. Debtors could also be forced into bankruptcy on the application of creditors if certain offences or acts specified in the statute had been committed. In either case, the bankrupt, after the payment of charges and the distribution of his estate, obtained a discharge from all indebtedness existing at the time, with certain exceptions specified in the law. This act gave rise to numerous complaints on account of the great cost of enforcement, absorbing much of the debtor's effects in law expenses, and for other reasons it became very unpopular. After several legislative amendments, and persistent but unsuccessful efforts to secure others, the bankrupt law was definitively repealed by act of July 7, 1878, to take effect September 1, 1878. The number of persons taking the benefit of the act within a short time before its repeal was unprecedentedly large. The following table exhibits (with some slight omissions where no figures could be had) the whole number of proceedings in bankruptcy during the eleven years and three months while it was in force:

The table shows the percentage of bankruptcies to the number of persons or firms in business, and to the population by the census of 1870:

Bankruptcies in the United States, 1867-1878.

[From the Boston Commercial Bulletin.]

| | Dealers | Bankruptcies. | Percentage | | | Dealers | Bankruptcies. | Percentage | |
|------------------|---------|---------------|-------------|---------------|------------------|---------|---------------|-------------|---------------|
| | | | To traders. | To population | | | | To traders. | To population |
| Maine..... | 11,007 | 1,822 | 16.5 | .290 | Virginia..... | 9,979 | 6,916 | 69.3 | .564 |
| New Hampshire.. | 7,411 | 1,220 | 16.6 | .383 | West Virginia.. | 5,142 | 800 | 15.5 | .181 |
| Vermont..... | 7,380 | 992 | 13.4 | .300 | North Carolina | 6,441 | 1,363 | 21.3 | .127 |
| Massachusetts... | 35,235 | 9,103 | 25.8 | .624 | South Carolina.. | 4,592 | 1,835 | 40.0 | .260 |
| Rhode Island.... | 5,013 | 500 | 10.0 | .230 | Florida..... | 1,819 | 326 | 18.0 | .173 |
| Connecticut..... | 12,422 | 1,514 | 12.2 | .282 | Georgia..... | 7,522 | 1,416 | 18.8 | .190 |
| New England.. | 78,468 | 15,151 | 19.3 | .434 | Alabama..... | 5,200 | 1,736 | 33.4 | .174 |
| New York..... | 116,111 | 15,777 | 13.6 | .360 | Mississippi.... | 5,504 | 4,073 | 74.0 | .492 |
| New Jersey..... | 19,041 | 1,834 | 9.9 | .208 | Louisiana..... | 7,753 | 1,753 | 22.6 | .241 |
| Pennsylvania.... | 74,926 | 6,622 | 8.8 | .188 | Texas..... | 11,387 | 1,698 | 15.0 | .207 |
| Maryland..... | 13,083 | 864 | 6.7 | .111 | Arkansas..... | 3,998 | 2,251 | 56.2 | .465 |
| Delaware..... | 3,735 | 251 | 6.8 | .201 | Tennessee..... | 8,470 | 4,481 | 52.9 | .356 |
| Dist. of Col.... | 2,569 | 433 | 16.8 | .329 | Kentucky..... | 16,727 | 4,785 | 28.6 | .362 |
| Middle States.. | 229,465 | 25,831 | 11.2 | .262 | South'n States. | 94,424 | 33,433 | 35.4 | .297 |
| Ohio..... | 47,163 | 5,567 | 11.8 | .209 | California..... | 17,108 | 2,694 | 15.8 | .481 |
| Michigan..... | 23,345 | 1,422 | 6.1 | .120 | Oregon..... | 2,640 | 306 | 11.6 | .336 |
| Indiana..... | 25,748 | 4,025 | 15.6 | .239 | Nevada..... | 1,495 | 150 | 10.0 | .333 |
| Illinois..... | 50,325 | 7,890 | 15.7 | .311 | Pacific States.. | 21,243 | 3,150 | 14.9 | .454 |
| Wisconsin..... | 20,187 | 1,578 | 7.8 | .150 | Total, U. S.. | 661,390 | 104,695 | 18.4 | .331 |
| Minnesota..... | 8,708 | 784 | 9.0 | .178 | | | | | |
| Iowa..... | 22,583 | 1,879 | 8.0 | .157 | | | | | |
| Nebraska..... | 3,529 | 254 | 7.2 | .208 | | | | | |
| Missouri..... | 26,250 | 3,019 | 11.5 | .171 | | | | | |
| Kansas..... | 8,161 | 642 | 8.0 | .176 | | | | | |
| Colorado..... | 1,791 | 70 | 3.9 | .176 | | | | | |
| West'n States.. | 237,790 | 27,130 | 11.4 | .208 | | | | | |

The whole number of failures reported by Dun, Ballou & Co., from January 1st, 1868, to September 30th, 1878—ten years and nine months—was 61,328, though the agency reports are not intended to cover many and large classes of persons who have taken the benefit of the bankrupt act. In the South the proportion of bankruptcies to dealers is surprisingly large, while the proportion to population is only about 3 in 1,000. It is not readily to be believed that over one-third of all persons and firms engaged in business at the South have gone through bankruptcy. A very large proportion of the bankruptcies in that section has been of planters, who are not included in the census enumeration of dealers and manufacturers, nor are they generally included in the commercial reports. These figures give evidence of the general soundness of our commerce and industry. Even if no allowance be made for bankruptcies of owners of landed property, or other persons—bankers, speculators, and professional men—not included in the roll of dealers and manufacturers, still the whole number of bankrupts is only 104,695 out of 661,390 firms and persons doing business—about 15½ per cent. in over eleven years. And this includes, moreover, only the weary years of disaster, which it has been the custom to call years of "utter prostration" in business. Including all fraudulent bankruptcies, including all cases in which the same person has gone through bankruptcy twice, including all the wrecks caused by the yellow fever, the grasshoppers, the failure of crops, the political disturbances, the failure of railroads, and the stoppage of half the iron works in the country, we have still only 155 bankruptcies for 1,000 dealers and manufacturers during eleven years, the worst in the history of the country. Certainly this is a most encouraging record.—*The Public, N. Y.*

The repeal of the National Bankrupt Act, which, while in existence, suspended all State legislation on the same subject, has revived the State insolvent laws in full force. Several States have already amended their statutes, and other legislatures will doubtless act in the matter. The following abstract of existing laws as to insolvency and assignments by debtors in the several States will be found of interest. It is to be carefully noted that no State law can release indebtedness to citizens of another State.

NOTE.—For the legal provisions in the States exempting real and personal property from levy, execution, or sale, for debt, see p. 72.

ALABAMA.

No provision is made by law for insolvent debtors.

ARKANSAS.

No insolvent laws in force, except those providing for the discharge of a debtor imprisoned on civil process, or for payment of a fine and costs.

CALIFORNIA.

The claims of both resident and non-resident creditors are discharged upon the debtor making an assignment of all his property, and giving notice thereof by publication.

COLORADO.

The law makes no provision for assignments by insolvent debtors.

CONNECTICUT.

All foreign creditors have, by the law of the State, an equal standing with domestic ones. The Probate Courts take cognizance of the petition of a creditor whose claim amounts to more than \$100, and a trustee is appointed to take charge of the debtor's estate, who sells the property for the benefit of all, and pays pro rata, but the debtor can have no discharge unless his estate pays 70 per cent.

DELAWARE.

The law of assignments is similar to that in Pennsylvania so far as it refuses a discharge to the debtor.

FLORIDA.

There are no assignment or insolvent laws in force.

GEORGIA.

An assignment by a debtor does not discharge him from his liabilities.

ILLINOIS.

The law recognizes assignments for the benefit of creditors, but makes no provision for the discharge of the debtor.

INDIANA.

A debtor can be released only where all the creditors consent to a discharge, upon his assigning his property for their benefit.

IOWA.

An assignment for the benefit of creditors does not discharge the debtor, but all the creditors are entitled to share the estate in equal proportion, according to the amount of their claims.

KANSAS.

An assignment does not discharge the debtor, unless all the creditors consent.

KENTUCKY.

A debtor may assign his property for the benefit of his creditors, but he cannot get a discharge except upon payment of his debts in full.

LOUISIANA.

The law permits a debtor to surrender his property and obtain a discharge from all his liabilities, upon the consent of a majority of his creditors in number and amount.

MAINE.

A debtor who owes more than \$300 may apply for the benefits of the insolvent act of that State; or two or more creditors may compel him upon certain conditions to place himself under the operation of the laws. If, after full investigation, no fraud is apparent, he may have his discharge in four months; and should a debtor at the first meeting produce an agreement signed by creditors representing three-fourths of his indebtedness, binding themselves to accept a certain percentage, he may have his discharge at once upon payment of the same.

MARYLAND.

A debtor making an assignment can only be released from his liabilities by consent of all the creditors.

MASSACHUSETTS.

The insolvent law, upon which the United States bankrupt act of 1867 was modelled, provides for insolvent courts in each county which are courts of record; where any inhabitant of the State, who is unable to pay his debts, may assign his property for the benefit of his creditors, and where, by due process of law, he may obtain a release from all his obligations which the sale of his effects does not cover. The proceedings in such court are not expensive, all the fees being regulated by statute; but a discharge does not exempt the debtor, as did the United States law, from liability to civil process and arrest in other States where debts may be due.

MICHIGAN.

An insolvent debtor may make an assignment of his property for the benefit of his creditors, and obtain a discharge from his debts.

MINNESOTA.

The law allows a debtor to make an assignment, but no provision is made for his discharge.

MISSISSIPPI.

A debtor cannot be discharged from his liabilities by assigning his property unless all the creditors consent.

MISSOURI.

An assignment by a debtor does not release him from his debts unless they are paid in full, or all the creditors consent to the debtor's discharge.

NEBRASKA.

The law allows a debtor to make an assignment without the consent of his creditors, but no discharge can be obtained.

NEVADA.

The law discharges the debtor from all his liabilities upon his assigning all his property for the benefit of creditors.

NEW HAMPSHIRE.

A debtor may assign for the benefit of his creditors, but such assignment does not annul any prior mortgage or sale, dissolve any attachment, or bind any creditor

who, within thirty days, signifies his dissent to such assignment. The law needs important amendments to render it of any advantage either to debtor or creditor.

NEW JERSEY.

The law provides for an assignment by a debtor, notice of which must be given by publication. The claims of all creditors, resident and non-resident, may be discharged by the proceedings under the act.

NEW YORK.

A State insolvent law passed in 1877, and amended in 1878, provides for a record of all assignments for benefit of creditors in County Clerk's offices, an inventory of all property to be filed with the County Judge, verified by affidavit of the assignor. Books and papers to be open to examination of all creditors, assignees to give bond, and to be removable by the court on petition of creditors, and proof. Citation may be issued to all parties interested. The court has power to examine all parties, to require accounts from assignees, to adjudicate payment of creditors *pro rata*, to discharge the assignee and his surety from liability, on proof of a composition between the assignor and his creditors, and to authorize him to release the assets to the assignor.

NORTH CAROLINA.

A debtor who makes an assignment, without fraud being shown, can be discharged from imprisonment, but his debts remain in full force.

OHIO.

The debtor may make an assignment, and all the creditors are entitled to a share in the property, but the debtor is not discharged from his debts by the proceedings.

OREGON.

A debtor cannot make an assignment so as to obtain a discharge from his debts without the consent of all his creditors.

PENNSYLVANIA.

A debtor may make an assignment, but the claims of his creditors are not thereby discharged.

RHODE ISLAND.

A special insolvent act was passed in 1878, under which any debtor whose property has been attached or levied upon, and before the sale of the same, may dissolve such attachment or levy by making an assignment within sixty days after such attachment or levy, for the equal benefit of all his creditors. Under the law there can be no preferred creditors.

SOUTH CAROLINA.

An assignment by a debtor secures his release from imprisonment, but only the claims of those creditors who accept a dividend from the debtor's estate are discharged.

TENNESSEE.

No provision is made for assignments or insolvent proceedings.

TEXAS

There are no insolvent or assignment laws.

VERMONT.

A new insolvent law was passed in 1876, to take effect on the repeal of the United States bankrupt act. It is modelled after the law of Massachusetts, with this proviso, that creditors in other States will be notified and entitled to participate in the proceeds of all assets.

VIRGINIA.

A debtor may assign his property for the benefit of all his creditors, or of any particular creditor. An assignment will in no event discharge the debtor from his debts.

WEST VIRGINIA.

No provision is made for insolvent assignments.

WISCONSIN.

The law discharges a debtor from all his debts upon his assigning all his property, except where fraud is discovered.

THE CUSTOMS TARIFF OF GREAT BRITAIN.

No protective duties are now levied on goods imported, Customs duties being charged solely for the sake of revenue. Formerly the articles subject to duty numbered nearly a thousand; now they are only twenty-two, the chief being tobacco, spirits, tea, and wine. The following is a complete list:

[From the Statistical Abstract of the United Kingdom, 1878.]

| ARTICLES. | DUTY. | ARTICLES. | DUTY. |
|---|---------|--|---------|
| | £ s. d. | | £ s. d. |
| Ale or beer, spec. gravity not exceeding 1065°, per bbl..... | 0 8 0 | Naphtha, purified, gallon..... | 0 10 5 |
| Ale or beer, spec. grav. not exceeding 1090°, per bbl..... | 0 11 0 | Pickles, in vinegar, gallon.... | 0 0 1 |
| Ale or beer, spec. gravity exceeding 1090°, per bbl..... | 0 16 0 | Plate, gold, ounce..... | 0 17 0 |
| Beer, Mum, per bbl..... | 1 1 0 | Plate, silver, ounce..... | 0 1 6 |
| Beer, spruce, spec. gravity not exceeding 1190°, per bbl..... | 1 1 0 | Spirits, brandy, Geneva, rum, etc., gallon..... | 0 10 5 |
| Beer, spruce, exceeding 1190°, per barrel..... | 1 4 0 | Spirits, rum, from British Colonies, gallon..... | 0 10 2 |
| Cards, playing, per doz. packs | 0 8 9 | Spirits, cologne water, gallon. | 0 16 6 |
| Chicory (raw or kiln dried), cwt. | 0 18 3 | Tea, pound..... | 0 0 6 |
| Chicory (roasted or ground), lb. | 0 0 2 | Tobacco, unmanufactured, lb. | 0 3 1½ |
| Chloral hydrate, pound..... | 0 1 3 | Tobacco, containing less than ten per cent of moisture, lb. | 0 3 6 |
| Chloroform, pound..... | 0 3 0 | Cavendish or Negro-head.... | 0 4 6 |
| Cocoa, pound..... | 0 0 1 | Other manufactured tobacco.. | 0 4 0 |
| Cocoa, cwt., husks and shells. | 0 3 0 | Snuff, containing more than 13 per cent of moisture, lb.... | 0 3 9 |
| Cocoa paste and chocolate, pound..... | 0 0 2 | Snuff, less than 13 per cent of moisture, lb..... | 0 4 6 |
| Coffee, raw, cwt..... | 0 14 0 | Tobacco, cigars, pound..... | 0 5 0 |
| Coffee, kiln-dried, roasted, or ground, pound..... | 0 0 2 | Varnish, containing alcohol, gallon..... | 0 12 0 |
| Collodion, gallon..... | 0 1 4 | Vinegar, gallon..... | 0 0 3 |
| Essence of spruce, 10 per cent ad valorem..... | | Wine, containing less than 26° proof spirit, gallon..... | 0 1 0 |
| Ethyl, iodide of, gallon..... | 0 13 0 | Wine, containing more than 26° and less than 43° spirit, gallon | 0 3 6 |
| Ether, gallon..... | 0 1 5 | Wine, for each additional degree of strength beyond 42°, gallon..... | 0 0 3 |
| Fruit, dried, cwt..... | 0 7 0 | | |
| Malt, per quarter..... | 1 4 0 | | |

POPULATION OF GREAT BRITAIN AND IRELAND AT EACH DECENNIAL CENSUS FROM 1801 TO 1871.

| | 1801. | 1811. | 1821. | 1831. | 1841. | 1851. | 1861. | 1871. |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
| Eng. and Wales | 9,156,171 | 10,454,529 | 12,172,664 | 14,051,966 | 16,035,198 | 18,054,170 | 20,228,417 | 22,712,266 |
| Scotland..... | 1,678,452 | 1,884,044 | 2,137,325 | 2,405,610 | 2,632,339 | 2,922,362 | 3,096,809 | 3,380,618 |
| Ireland*..... | 5,319,867 | 6,084,996 | 6,869,544 | 7,828,347 | 8,222,664 | 6,623,982 | 5,850,309 | 6,411,416 |
| Islands*..... | 82,810 | 85,547 | 92,864 | 106,542 | 126,249 | 145,435 | 145,674 | 144,638 |
| Army, Navy, & Merchant Seamen abroad.. | | | | | 202,954 | 212,194 | 250,356 | 229,000 |
| Unit. Kingdom | 16,237,300 | 18,509,116 | 21,272,187 | 24,392,485 | 27,239,404 | 27,968,143 | 29,571,644 | 31,867,338 |
| Increase, per ct. | | 13.99 | 14.92 | 14.71 | 11.67 | 2.63 | 5.77 | 7.72 |

* The population of Ireland and that of the Channel Islands in the British S. as for 1801 and 1811 are given by estimate, no census having been taken before 1821.

BRITISH INTERNAL REVENUE TAXES AND REVENUE RECEIVED.

The following table shows the principal excise and stamp taxes, licenses, carriage duties, and property and income taxes levied by the British laws, and collected from all sources, except customs duties, post-office, telegraphs, and miscellaneous.

[Compiled from the 20th Report of the Commissioners on the Inland Revenue, 1878.]

| SOURCES OF REVENUE. | TAX. | REVENUE, 1877. |
|--|----------------------|----------------------------|
| | £ s. d. | Pounds reduced to dollars. |
| Appraisers' licenses | 2 0 0 | 46,500 |
| Armorial bearings..... | £1 to £10 | 412,000 |
| Auctioneers' licenses..... | 10 0 0 | 328,000 |
| Bankers' licenses..... | 30 0 0 | 200,550 |
| Beer, licenses to brew or sell..... | 12s. 6d. to £5 10s. | 3,500,000 |
| Bills of exchange and notes..... | 1s. for each £100. | 3,812,100 |
| Carriages, licenses (413,333)..... | 15s. to £3 | 2,768,700 |
| Certificate of birth, marriage or death..... | 0 0 1 | ..... |
| Checks, drafts, and receipts..... | 0 0 1 | 4,085,000 |
| Chicory, per cwt..... | 0 12 1 | 15,000 |
| Deeds and other instruments..... | 2s. 6d. to £1 10s. | 10,574,600 |
| Distillers' licenses..... | 10 10 0 | 8,500 |
| Dogs, licenses (1,362,176)..... | 0 5 0 | 1,748,700 |
| Game licenses..... | £2 to £3 | 1,000,000 |
| Gun, license to use or carry..... | 0 10 0 | 886,000 |
| House duty, annual value of £20 and upward..... | 6d. in the pound. | 7,302,310 |
| Insurance policies..... | 1s. for each £100 | 620,000 |
| Land tax..... | 1s. to £6 | 5,424,448 |
| Legacy and succession duties..... | £1 10s. for ea. £100 | 18,500,000 |
| Malt, per bushel..... | 2s. 7d. and 5½ | 40,201,990 |
| Maltsters' licenses..... | 2s. 7d. to £4 14s. | 74,800 |
| Marriage licenses..... | 5d. to 10s. | 26,000 |
| Medicines, patent..... | 1½d. to £1 | 191,125 |
| Patents for inventions..... | £5 to £100 | 845,200 |
| Pawnbrokers' licenses..... | 7 10 0 | 162,500 |
| Poddlers and hawkers..... | 5s. to £4 | 116,000 |
| Plate, gold and silver, per ounce..... | 1s. 6d. to 17s. | 830,150 |
| Property and income tax in the £..... | | |
| " incomes under £150, exempt..... | 1½d. to 3d. | 26,420,435 |
| " " " £400, first £120 exempt. } | | |
| Publicans selling beer, wine, and spirits..... | £5 10s. to £16 10s. | 1,800,000 |
| Railway-passenger receipts, each £100..... | 5 0 0 | 3,650,000 |
| Restaurants..... | 10s. 6d. to £2 4s. | 40,650 |
| Servants (male), each..... | 0 15 0 | 837,600 |
| Settlements and probate of wills, each £100..... | 0 5 0 | 10,699,570 |
| Solicitors' certificates..... | £8 to £9 | 486,315 |
| Spirits, home-made, per gal..... | 0 10 0 | 73,965,825 |
| " dealers in, no ^r retailers..... | 10 10 0 | 460,000 |
| " retailers of..... | 10s. to £14 6s. | 3,626,615 |
| Stamps in law proceedings..... | 2s. 6d. to £80 | 2,914,575 |
| Sugar used by brewers..... | 0 11 6 | 2,500,000 |
| Sweets, dealers in..... | 5 5 0 | 25,000 |
| Tobacco and snuff, dealers in..... | 0 5 3 | 400,000 |
| " " manufacturers of..... | £5 5s. to £31 10s. | 40,000 |
| Vinegar-makers..... | 5 5 0 | 15,045 |
| Wine merchants, wholesale..... | 10 10 0 | 288,500 |
| Various items..... | | 774,032 |
| Total Inland Revenue..... | | \$231,904,235 |

London Bankers' Clearing House Statistics.

| Year ending April 30. | Total clearances for the year. | Year ending April 30. | Total clearances for the year. | Year ending April 30. | Total clearances for the year. |
|-----------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|--------------------------------|
| 1868..... | £3,257,411,000 | 1872..... | £5,359,722,000 | 1876.... | £5,407,243,000 |
| 1869..... | 3,534,039,000 | 1873..... | 6,008,335,000 | 1877..... | 4,873,900,000 |
| 1870..... | 3,720,623,000 | 1874..... | 5,993,586,000 | 1878..... | 5,036,533,000 |
| 1871..... | 4,018,464,000 | 1875..... | 6,013,299,000 | | |

TOTAL REVENUE OF GREAT BRITAIN, 1861-1878.

AMOUNT OF THE GROSS PUBLIC REVENUE OF THE UNITED KINGDOM, DISTINGUISHING THE PRINCIPAL BRANCHES THEREOF.

| Years ended 31st March. | Customs. | Excise, Licenses, etc. | Stamps. | Taxes. | Property and Income Tax. | Post-Office. | Telegraph Service. | Crown Lands. (Net Receipts.) | Miscellaneous. | Total Gross Revenue. |
|-------------------------|-------------|------------------------|------------|------------|--------------------------|--------------|--------------------|------------------------------|----------------|----------------------|
| 1861 | £23,305,777 | £19,435,000 | £8,348,412 | £3,127,000 | £10,928,817 | £3,400,000 | ..... | £290,568 | £1,557,511 | £70,388,085 |
| 1862 | 23,674,000 | 18,332,000 | 8,580,945 | 3,180,000 | 10,365,000 | 3,510,000 | ..... | 295,000 | 1,988,112 | 69,865,057 |
| 1863 | 23,934,000 | 17,155,000 | 8,994,000 | 3,150,000 | 10,567,000 | 3,660,000 | ..... | 300,000 | 2,754,562 | 70,604,562 |
| 1864 | 23,232,000 | 18,207,000 | 9,317,000 | 3,218,000 | 9,964,000 | 3,810,000 | ..... | 305,000 | 3,086,065 | 70,209,065 |
| 1865 | 22,572,000 | 19,558,000 | 9,530,000 | 3,292,000 | 7,958,000 | 4,100,000 | ..... | 310,000 | 2,968,787 | 70,313,787 |
| 1866 | 21,276,000 | 19,788,000 | 9,560,000 | 3,350,000 | 6,390,000 | 4,250,000 | ..... | 320,000 | 2,878,242 | 67,812,292 |
| 1867 | 22,303,000 | 20,670,000 | 9,420,000 | 3,468,000 | 5,700,000 | 4,470,000 | ..... | 330,000 | 3,073,568 | 69,434,568 |
| 1868 | 22,650,000 | 20,162,000 | 9,541,000 | 3,509,000 | 6,177,000 | 4,680,000 | ..... | 345,000 | 2,586,218 | 69,600,218 |
| 1869 | 22,424,000 | 20,462,000 | 9,218,000 | 3,494,000 | 8,618,000 | 4,660,003 | ..... | 360,000 | 3,355,943 | 72,591,992 |
| 1870 | 21,539,000 | 21,763,000 | 9,248,000 | 4,500,000 | 10,044,000 | 4,670,000 | £100,000 | 375,000 | 3,205,252 | 75,494,252 |
| 1871 | 20,191,000 | 22,788,000 | 9,007,000 | 2,725,000 | 6,350,000 | 4,770,000 | 500,000 | 385,000 | 3,220,220 | 69,045,290 |
| 1872 | 20,326,000 | 23,324,000 | 9,772,000 | 2,390,000 | 9,064,000 | 4,680,000 | 755,000 | 375,000 | 4,060,314 | 74,708,314 |
| 1873 | 21,083,000 | 25,785,000 | 9,947,000 | 2,337,000 | 7,500,000 | 4,830,000 | 1,015,000 | 375,000 | 3,796,770 | 76,608,770 |
| 1874 | 20,339,000 | 27,172,000 | 10,550,000 | 2,324,000 | 5,631,000 | 5,792,000 | 1,210,000 | 375,000 | 3,582,657 | 77,295,657 |
| 1875 | 19,269,000 | 27,895,000 | 10,540,000 | 2,440,000 | 4,506,000 | 5,670,000 | 1,190,000 | 385,000 | 3,776,873 | 74,931,873 |
| 1876 | 20,020,000 | 27,628,000 | 11,002,000 | 2,496,000 | 4,560,000 | 5,950,000 | 1,245,000 | 395,000 | 4,288,863 | 77,131,693 |
| 1877 | 19,922,000 | 27,736,000 | 10,880,000 | 2,532,000 | 5,280,000 | 6,000,000 | 1,805,000 | 410,000 | 4,490,088 | 78,565,088 |
| 1878 | 19,968,000 | 27,464,000 | 10,956,000 | 2,670,000 | 5,380,000 | 6,150,000 | 1,810,000 | 410,000 | 5,014,296 | 79,768,796 |

NOTE.—On Incomes from £100 to £150 6d. in the pound.
 " " of and above £150 9d.
 On Incomes of and above £100, { 1864-65, 1865-67, 1867-68, 1868-69, 1869-70, 1870-71, 1871-72, 1872-73, 1873-74, 1874-75, 1875-76, 1876-77, 1877-78, 1878-79, 1879-80, 1880-81, 1881-82, 1882-83, 1883-84, 1884-85, 1885-86, 1886-87, 1887-88, 1888-89, 1889-90, 1890-91, 1891-92, 1892-93, 1893-94, 1894-95, 1895-96, 1896-97, 1897-98, 1898-99, 1899-00, 1900-01, 1901-02, 1902-03, 1903-04, 1904-05, 1905-06, 1906-07, 1907-08, 1908-09, 1909-10, 1910-11, 1911-12, 1912-13, 1913-14, 1914-15, 1915-16, 1916-17, 1917-18, 1918-19, 1919-20, 1920-21, 1921-22, 1922-23, 1923-24, 1924-25, 1925-26, 1926-27, 1927-28, 1928-29, 1929-30, 1930-31, 1931-32, 1932-33, 1933-34, 1934-35, 1935-36, 1936-37, 1937-38, 1938-39, 1939-40, 1940-41, 1941-42, 1942-43, 1943-44, 1944-45, 1945-46, 1946-47, 1947-48, 1948-49, 1949-50, 1950-51, 1951-52, 1952-53, 1953-54, 1954-55, 1955-56, 1956-57, 1957-58, 1958-59, 1959-60, 1960-61, 1961-62, 1962-63, 1963-64, 1964-65, 1965-66, 1966-67, 1967-68, 1968-69, 1969-70, 1970-71, 1971-72, 1972-73, 1973-74, 1974-75, 1975-76, 1976-77, 1977-78, 1978-79, 1979-80, 1980-81, 1981-82, 1982-83, 1983-84, 1984-85, 1985-86, 1986-87, 1987-88, 1988-89, 1989-90, 1990-91, 1991-92, 1992-93, 1993-94, 1994-95, 1995-96, 1996-97, 1997-98, 1998-99, 1999-00, 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27, 2027-28, 2028-29, 2029-30, 2030-31, 2031-32, 2032-33, 2033-34, 2034-35, 2035-36, 2036-37, 2037-38, 2038-39, 2039-40, 2040-41, 2041-42, 2042-43, 2043-44, 2044-45, 2045-46, 2046-47, 2047-48, 2048-49, 2049-50, 2050-51, 2051-52, 2052-53, 2053-54, 2054-55, 2055-56, 2056-57, 2057-58, 2058-59, 2059-60, 2060-61, 2061-62, 2062-63, 2063-64, 2064-65, 2065-66, 2066-67, 2067-68, 2068-69, 2069-70, 2070-71, 2071-72, 2072-73, 2073-74, 2074-75, 2075-76, 2076-77, 2077-78, 2078-79, 2079-80, 2080-81, 2081-82, 2082-83, 2083-84, 2084-85, 2085-86, 2086-87, 2087-88, 2088-89, 2089-90, 2090-91, 2091-92, 2092-93, 2093-94, 2094-95, 2095-96, 2096-97, 2097-98, 2098-99, 2099-00, 2100-01, 2101-02, 2102-03, 2103-04, 2104-05, 2105-06, 2106-07, 2107-08, 2108-09, 2109-10, 2110-11, 2111-12, 2112-13, 2113-14, 2114-15, 2115-16, 2116-17, 2117-18, 2118-19, 2119-20, 2120-21, 2121-22, 2122-23, 2123-24, 2124-25, 2125-26, 2126-27, 2127-28, 2128-29, 2129-30, 2130-31, 2131-32, 2132-33, 2133-34, 2134-35, 2135-36, 2136-37, 2137-38, 2138-39, 2139-40, 2140-41, 2141-42, 2142-43, 2143-44, 2144-45, 2145-46, 2146-47, 2147-48, 2148-49, 2149-50, 2150-51, 2151-52, 2152-53, 2153-54, 2154-55, 2155-56, 2156-57, 2157-58, 2158-59, 2159-60, 2160-61, 2161-62, 2162-63, 2163-64, 2164-65, 2165-66, 2166-67, 2167-68, 2168-69, 2169-70, 2170-71, 2171-72, 2172-73, 2173-74, 2174-75, 2175-76, 2176-77, 2177-78, 2178-79, 2179-80, 2180-81, 2181-82, 2182-83, 2183-84, 2184-85, 2185-86, 2186-87, 2187-88, 2188-89, 2189-90, 2190-91, 2191-92, 2192-93, 2193-94, 2194-95, 2195-96, 2196-97, 2197-98, 2198-99, 2199-00, 2200-01, 2201-02, 2202-03, 2203-04, 2204-05, 2205-06, 2206-07, 2207-08, 2208-09, 2209-10, 2210-11, 2211-12, 2212-13, 2213-14, 2214-15, 2215-16, 2216-17, 2217-18, 2218-19, 2219-20, 2220-21, 2221-22, 2222-23, 2223-24, 2224-25, 2225-26, 2226-27, 2227-28, 2228-29, 2229-30, 2230-31, 2231-32, 2232-33, 2233-34, 2234-35, 2235-36, 2236-37, 2237-38, 2238-39, 2239-40, 2240-41, 2241-42, 2242-43, 2243-44, 2244-45, 2245-46, 2246-47, 2247-48, 2248-49, 2249-50, 2250-51, 2251-52, 2252-53, 2253-54, 2254-55, 2255-56, 2256-57, 2257-58, 2258-59, 2259-60, 2260-61, 2261-62, 2262-63, 2263-64, 2264-65, 2265-66, 2266-67, 2267-68, 2268-69, 2269-70, 2270-71, 2271-72, 2272-73, 2273-74, 2274-75, 2275-76, 2276-77, 2277-78, 2278-79, 2279-80, 2280-81, 2281-82, 2282-83, 2283-84, 2284-85, 2285-86, 2286-87, 2287-88, 2288-89, 2289-90, 2290-91, 2291-92, 2292-93, 2293-94, 2294-95, 2295-96, 2296-97, 2297-98, 2298-99, 2299-00, 2300-01, 2301-02, 2302-03, 2303-04, 2304-05, 2305-06, 2306-07, 2307-08, 2308-09, 2309-10, 2310-11, 2311-12, 2312-13, 2313-14, 2314-15, 2315-16, 2316-17, 2317-18, 2318-19, 2319-20, 2320-21, 2321-22, 2322-23, 2323-24, 2324-25, 2325-26, 2326-27, 2327-28, 2328-29, 2329-30, 2330-31, 2331-32, 2332-33, 2333-34, 2334-35, 2335-36, 2336-37, 2337-38, 2338-39, 2339-40, 2340-41, 2341-42, 2342-43, 2343-44, 2344-45, 2345-46, 2346-47, 2347-48, 2348-49, 2349-50, 2350-51, 2351-52, 2352-53, 2353-54, 2354-55, 2355-56, 2356-57, 2357-58, 2358-59, 2359-60, 2360-61, 2361-62, 2362-63, 2363-64, 2364-65, 2365-66, 2366-67, 2367-68, 2368-69, 2369-70, 2370-71, 2371-72, 2372-73, 2373-74, 2374-75, 2375-76, 2376-77, 2377-78, 2378-79, 2379-80, 2380-81, 2381-82, 2382-83, 2383-84, 2384-85, 2385-86, 2386-87, 2387-88, 2388-89, 2389-90, 2390-91, 2391-92, 2392-93, 2393-94, 2394-95, 2395-96, 2396-97, 2397-98, 2398-99, 2399-00, 2400-01, 2401-02, 2402-03, 2403-04, 2404-05, 2405-06, 2406-07, 2407-08, 2408-09, 2409-10, 2410-11, 2411-12, 2412-13, 2413-14, 2414-15, 2415-16, 2416-17, 2417-18, 2418-19, 2419-20, 2420-21, 2421-22, 2422-23, 2423-24, 2424-25, 2425-26, 2426-27, 2427-28, 2428-29, 2429-30, 2430-31, 2431-32, 2432-33, 2433-34, 2434-35, 2435-36, 2436-37, 2437-38, 2438-39, 2439-40, 2440-41, 2441-42, 2442-43, 2443-44, 2444-45, 2445-46, 2446-47, 2447-48, 2448-49, 2449-50, 2450-51, 2451-52, 2452-53, 2453-54, 2454-55, 2455-56, 2456-57, 2457-58, 2458-59, 2459-60, 2460-61, 2461-62, 2462-63, 2463-64, 2464-65, 2465-66, 2466-67, 2467-68, 2468-69, 2469-70, 2470-71, 2471-72, 2472-73, 2473-74, 2474-75, 2475-76, 2476-77, 2477-78, 2478-79, 2479-80, 2480-81, 2481-82, 2482-83, 2483-84, 2484-85, 2485-86, 2486-87, 2487-88, 2488-89, 2489-90, 2490-91, 2491-92, 2492-93, 2493-94, 2494-95, 2495-96, 2496-97, 2497-98, 2498-99, 2499-00, 2500-01, 2501-02, 2502-03, 2503-04, 2504-05, 2505-06, 2506-07, 2507-08, 2508-09, 2509-10, 2510-11, 2511-12, 2512-13, 2513-14, 2514-15, 2515-16, 2516-17, 2517-18, 2518-19, 2519-20, 2520-21, 2521-22, 2522-23, 2523-24, 2524-25, 2525-26, 2526-27, 2527-28, 2528-29, 2529-30, 2530-31, 2531-32, 2532-33, 2533-34, 2534-35, 2535-36, 2536-37, 2537-38, 2538-39, 2539-40, 2540-41, 2541-42, 2542-43, 2543-44, 2544-45, 2545-46, 2546-47, 2547-48, 2548-49, 2549-50, 2550-51, 2551-52, 2552-53, 2553-54, 2554-55, 2555-56, 2556-57, 2557-58, 2558-59, 2559-60, 2560-61, 2561-62, 2562-63, 2563-64, 2564-65, 2565-66, 2566-67, 2567-68, 2568-69, 2569-70, 2570-71, 2571-72, 2572-73, 2573-74, 2574-75, 2575-76, 2576-77, 2577-78, 2578-79, 2579-80, 2580-81, 2581-82, 2582-83, 2583-84, 2584-85, 2585-86, 2586-87, 2587-88, 2588-89, 2589-90, 2590-91, 2591-92, 2592-93, 2593-94, 2594-95, 2595-96, 2596-97, 2597-98, 2598-99, 2599-00, 2600-01, 2601-02, 2602-03, 2603-04, 2604-05, 2605-06, 2606-07, 2607-08, 2608-09, 2609-10, 2610-11, 2611-12, 2612-13, 2613-14, 2614-15, 2615-16, 2616-17, 2617-18, 2618-19, 2619-20, 2620-21, 2621-22, 2622-23, 2623-24, 2624-25, 2625-26, 2626-27, 2627-28, 2628-29, 2629-30, 2630-31, 2631-32, 2632-33, 2633-34, 2634-35, 2635-36, 2636-37, 2637-38, 2638-39, 2639-40, 2640-41, 2641-42, 2642-43, 2643-44, 2644-45, 2645-46, 2646-47, 2647-48, 2648-49, 2649-50, 2650-51, 2651-52, 2652-53, 2653-54, 2654-55, 2655-56, 2656-57, 2657-58, 2658-59, 2659-60, 2660-61, 2661-62, 2662-63, 2663-64, 2664-65, 2665-66, 2666-67, 2667-68, 2668-69, 2669-70, 2670-71, 2671-72, 2672-73, 2673-74, 2674-75, 2675-76, 2676-77, 2677-78, 2678-79, 2679-80, 2680-81, 2681-82, 2682-83, 2683-84, 2684-85, 2685-86, 2686-87, 2687-88, 2688-89, 2689-90, 2690-91, 2691-92, 2692-93, 2693-94, 2694-95, 2695-96, 2696-97, 2697-98, 2698-99, 2699-00, 2700-01, 2701-02, 2702-03, 2703-04, 2704-05, 2705-06, 2706-07, 2707-08, 2708-09, 2709-10, 2710-11, 2711-12, 2712-13, 2713-14, 2714-15, 2715-16, 2716-17, 2717-18, 2718-19, 2719-20, 2720-21, 2721-22, 2722-23, 2723-24, 2724-25, 2725-26, 2726-27, 2727-28, 2728-29, 2729-30, 2730-31, 2731-32, 2732-33, 2733-34, 2734-35, 2735-36, 2736-37, 2737-38, 2738-39, 2739-40, 2740-41, 2741-42, 2742-43, 2743-44, 2744-45, 2745-46, 2746-47, 2747-48, 2748-49, 2749-50, 2750-51, 2751-52, 2752-53, 2753-54, 2754-55, 2755-56, 2756-57, 2757-58, 2758-59, 2759-60, 2760-61, 2761-62, 2762-63, 2763-64, 2764-65, 2765-66, 2766-67, 2767-68, 2768-69, 2769-70, 2770-71, 2771-72, 2772-73, 2773-74, 2774-75, 2775-76, 2776-77, 2777-78, 2778-79, 2779-80, 2780-81, 2781-82, 2782-83, 2783-84, 2784-85, 2785-86, 2786-87, 2787-88, 2788-89, 2789-90, 2790-91, 2791-92, 2792-93, 2793-94, 2794-95, 2795-96, 2796-97, 2797-98, 2798-99, 2799-00, 2800-01, 2801-02, 2802-03, 2803-04, 2804-05, 2805-06, 2806-07, 2807-08, 2808-09, 2809-10, 2810-11, 2811-12, 2812-13, 2813-14, 2814-15, 2815-16, 2816-17, 2817-18, 2818-19, 2819-20, 2820-21, 2821-22, 2822-23, 2823-24, 2824-25, 2825-26, 2826-27, 2827-28, 2828-29, 2829-30, 2830-31, 2831-32, 2832-33, 2833-34, 2834-35, 2835-36, 2836-37, 2837-38, 2838-39, 2839-40, 2840-41, 2841-42, 2842-43, 2843-44, 2844-45, 2845-46, 2846-47, 2847-48, 2848-49, 2849-50, 2850-51, 2851-52, 2852-53, 2853-54, 2854-55, 2855-56, 2856-57, 2857-58, 2858-59, 2859-60, 2860-61, 2861-62, 2862-63, 2863-64, 2864-65, 2865-66, 2866-67, 2867-68, 2868-69, 2869-70, 2870-71, 2871-72, 2872-73, 2873-74, 2874-75, 2875-76, 2876-77, 2877-78, 2878-79, 2879-80, 2880-81, 2881-82, 2882-83, 2883-84, 2884-85, 2885-86, 2886-87, 2887-88, 2888-89, 2889

TOTAL EXPENDITURE OF GREAT BRITAIN, 1861-1878.

AMOUNT OF THE GROSS PUBLIC EXPENDITURE OF THE UNITED KINGDOM, DISTINGUISHING THE PRINCIPAL BRANCHES THEREOF.

| Years ended 31st March. | New Sinking Fund. | Total Interest on Debt. | Interest on Loans for Local Purposes. | Civil List and Civil Charges of all kinds. | Army. | Navy. | Charges of Collection of Revenue. | Total Gross Expenditure. |
|-------------------------|-------------------|---------------------------|---------------------------------------|--|---|-------------|-----------------------------------|--------------------------|
| 1861..... | ..... | £26,335,114 | ..... | £10,738,089 | £14,970,000 | £18,331,068 | £4,437,448 | £72,804,135 |
| 1862..... | ..... | 26,380,684 | ..... | 10,821,966 | 15,570,869 | 12,568,043 | 4,690,561 | 71,804,563 |
| 1863..... | ..... | 26,331,657 | ..... | 10,861,512 | 16,264,700 | 11,370,566 | 4,553,461 | 69,302,008 |
| 1864..... | ..... | 26,211,791 | ..... | 10,771,490 | 14,638,051 | 10,831,596 | 4,527,453 | 67,056,296 |
| 1865..... | ..... | 26,369,398 | ..... | 10,805,412 | 14,338,672 | 10,868,353 | 4,605,472 | 66,462,307 |
| 1866..... | ..... | 26,263,298 | ..... | 10,350,063 | 13,604,450 | 10,259,738 | 4,601,367 | 66,914,357 |
| 1867..... | ..... | 26,081,778 | ..... | 10,533,019 | 14,675,540 | 10,676,101 | 4,823,956 | 66,790,396 |
| 1868..... | ..... | 26,571,750 | ..... | 11,193,768 | 15,418,582 | 11,193,949 | 4,893,208 | 71,236,243 |
| 1869..... | ..... | 26,618,336 | ..... | 11,993,643 | 15,000,000 | 11,368,545 | 5,021,302 | 74,973,816 |
| 1870..... | ..... | 27,053,560 | ..... | 12,354,700 | 13,565,400 | 9,757,230 | 4,933,802 | 68,964,752 |
| 1871..... | ..... | 26,586,457 | ..... | 13,176,659 | 13,430,400 | 9,456,641 | 5,305,402 | 69,546,539 |
| 1872..... | ..... | 26,898,601 | ..... | 13,398,963 | £15,521,580 | 9,900,496 | 5,488,263 | 71,490,020 |
| 1873..... | ..... | 26,804,853 | ..... | 13,933,197 | 14,729,700 | 9,543,000 | 6,070,198 | 70,714,448 |
| 1874..... | ..... | 26,706,726 | ..... | 17,067,609 | 14,426,960 | 10,279,800 | 6,471,311 | 78,466,510 |
| 1875..... | ..... | 27,094,450 | ..... | 14,623,716 | 14,519,494 | 10,680,404 | 6,799,891 | 74,328,040 |
| | | Permanent Charge of Debt. | | | | | | |
| 1876..... | 230,150 | 27,400,000 | £43,750 | 15,637,074 | 14,577,469 | 11,053,449 | 6,638,363 | 76,621,773 |
| 1877..... | 624,750 | 27,700,000 | 232,634 | 15,779,779 | 500,000 } 501,638 200,000 } 15,251,365 } 170,000 } | 11,364,383 | 7,068,498 | 78,135,923 |
| 1878..... | 764,825 | 28,000,000 | 412,750 | 16,367,139 | 14,607,405 } 504,719 1,000,000 } | 10,978,593 | 7,012,850 | 82,403,495 |

BRITISH SAVINGS BANKS.

CAPITAL OR DEPOSITS IN POST-OFFICE AND OTHER SAVINGS BANKS IN THE UNITED KINGDOM FOR 15 YEARS, 1863-1877.

[From the (Official) Statistical Abstract of the United Kingdom, 1878.]

| | Post-Office Banks. | Trustees' Banks. | Total, Trustees' and Post-Office. | | |
|-----------|-----------------------|---------------------|---|--------------|-----------|
| | £ | £ | £ | | £ |
| 1863..... | 3,376,828 | 40,951,505 | 44,328,333 | | |
| 1864..... | 4,998,124 | 39,520,636 | 44,513,460 | Increase.... | 185,127 |
| 1865..... | 6,526,400 | 38,745,298 | 45,271,698 | " | 758,238 |
| 1866..... | 8,121,175 | 36,382,116 | 44,503,291 | Decrease.... | 768,407 |
| 1867..... | 9,749,929 | 36,533,203 | 46,283,132 | Increase.... | 1,779,841 |
| 1868..... | 11,666,655 | 36,667,457 | 48,334,112 | " | 2,250,980 |
| 1869..... | 13,524,209 | 37,553,746 | 51,077,955 | " | 2,543,843 |
| 1870..... | 15,099,104 | 37,958,549 | 53,057,653 | " | 1,979,698 |
| 1871..... | 17,025,004 | 38,819,663 | 55,844,667 | " | 2,787,614 |
| 1872..... | 19,318,339 | 40,088,348 | 59,406,687 | " | 3,563,020 |
| 1873..... | 21,167,749 | 40,500,135 | 61,667,884 | " | 2,261,197 |
| 1874..... | 23,157,469 | 41,505,919 | 64,663,418 | " | 2,995,534 |
| 1875..... | 25,187,345 | 42,407,769 | 67,595,114 | " | 2,931,696 |
| 1876..... | 26,996,550 | 43,283,570 | 70,280,120 | " | 2,685,006 |
| 1877..... | 28,740,757 | 44,238,686 | 72,979,443 | " | 2,699,323 |

Comparative Capital and Reserves of British and American Banks, October, 1878.

[From the Report of the Comptroller of the Currency, Dec. 2, 1878.]

The proportion of capital, and of capital and surplus, to liabilities, is much greater in this country than elsewhere, which is undoubtedly owing to the fact that our law requires that the full amount of authorized capital shall be actually paid in. In England, as a rule, only a portion of the capital is paid in, but the stockholders are individually liable for the full amount of their subscriptions. This restricted liability is true of the limited banks only, the stockholders of other corporations not limited being each liable for all of the debts of the corporation.

The following table, compiled from the London Economist of Oct. 19, 1878, exhibits the amount of capital, reserve and liabilities, and the ratio of capital, and of capital and reserve, to liabilities, of 3,417 banks (141 banks and 3,276 branches) of the United Kingdom :

| BANKS. | NUMBER OF— | | | Capital. | Re serve fund and undivided profits. | Total. | Liabilities. | RATIO TO LIABILITIES OF— | |
|--------------------------------|------------|----------------|--------|------------|---|-------------|--------------|--------------------------|----------------------------|
| | Banks. | Branch- es. | Total. | | | | | Capital. | Capital and profits. |
| | | | | Pounds. | Pounds. | Pounds. | Pounds. | Pr. ct. | Pr. ct. |
| England and Wales..... | 72 | 1,144 | 1,216 | 26,043,420 | 13,761,814 | 39,806,234 | 228,679,548 | 11.64 | 17.80 |
| Bank of Eng..... | 1 | 10 | 11 | 14,553,000 | 3,764,531 | 13,321,531 | 51,611,899 | 28.20 | 15.50 |
| Isle of Man..... | 2 | 7 | 9 | 60,904 | 29,395 | 90,799 | 529,263 | 11.29 | 16.82 |
| Scotland..... | 10 | 809 | 819 | 9,045,780 | 4,857,882 | 17,903,662 | 82,033,497 | 11.02 | 16.94 |
| Ireland..... | 9 | 270 | 279 | 2,953,000 | 1,374,141 | 4,324,141 | 20,800,640 | 14.18 | 20.79 |
| Colonial with Lond. offices | 27 | 969 | 996 | 20,430,136 | 7,336,415 | 27,766,551 | 121,905,216 | 16.76 | 22.78 |
| Foreign with Lond. offices | 20 | 67 | 87 | 17,563,130 | 2,810,444 | 20,403,574 | 39,623,424 | 44.33 | 51.49 |
| Totals..... | 141 | 3,276 | 3,417 | 90,649,270 | 33,969,122 | 124,618,492 | 541,253,501 | 16.78 | 23.07 |

National Banks.

| | No. | \$ | \$ | \$ | \$ | | |
|----------------------|-------|-------------|-------------|-------------|---------------|-------|-------|
| October 1, 1878..... | 2,063 | 466,147,436 | 157,833,993 | 623,981,429 | 1,140,179,214 | 40.88 | 24.12 |

The ratio of capital to liabilities of the 3,417 banks in the United Kingdom is 16.78 per cent., while the corresponding ratio of the national banks is 40.88, more than double.

FOREIGN TRADE OF GREAT BRITAIN, 1861-1877.

From the Statistical Abstract of the United Kingdom, 1878.

VALUE OF THE TOTAL IMPORTS AND EXPORTS OF MERCHANDISE INTO
AND FROM THE UNITED KINGDOM, WITH PROPORTION THEREOF PER
HEAD OF TOTAL POPULATION.

| YEARS | IMPORTS. | | | EXPORTS. | | | | TOTAL OF IMPORTS AND EXPORTS. | | |
|--------|-----------------|---|--|------------------|--|--|---|----------------------------------|--|--|
| | Total Value. | Proportion per Head of Population of United Kingdom | | British Produce. | | Foreign and Colonial Produce. | Total Value of British and Foreign and Colonial Produce. | Total Value. | Proportion per Head of Population of United Kingdom | |
| | | | | Total Value. | Proportion per Head of Population of United Kingdom | | | | | |
| | £ | £ s. d. | | £ | £ s. d. | £ | £ | £ | £ s. d. | |
| 1861.. | 217,485,024 | 7 10 2 | | 125,102,814 | 4 6 5 | 34,529,684 | 159,632,498 | 377,117,522 | 13 0 5 | |
| 1862.. | 225,716,976 | 7 14 7 | | 123,992,264 | 4 5 7 | 42,175,870 | 166,168,134 | 391,885,110 | 13 8 5 | |
| 1863.. | 248,919,020 | 8 9 5 | | 146,602,342 | 5 0 0 | 50,300,067 | 196,902,409 | 445,821,429 | 15 3 5 | |
| 1864.. | 274,952,172 | 9 5 7 | | 160,449,033 | 5 8 4 | 52,170,561 | 212,619,614 | 487,571,786 | 16 9 0 | |
| 1865.. | 271,072,285 | 9 1 7 | | 165,885,725 | 5 11 1 | 52,995,851 | 218,831,576 | 489,903,861 | 16 8 2 | |
| 1866.. | 295,290,274 | 9 16 4 | | 188,917,536 | 6 5 7 | 49,988,146 | 238,905,682 | 534,195,956 | 17 15 2 | |
| 1867.. | 275,183,137 | 9 1 5 | | 180,961,923 | 5 19 4 | 44,840,606 | 225,802,529 | 500,985,666 | 16 1 3 | |
| 1868.. | 294,693,608 | 9 12 10 | | 179,677,812 | 5 17 4 | 48,100,642 | 227,778,454 | 522,472,062 | 17 1 3 | |
| 1869.. | 295,460,214 | 9 11 2 | | 189,953,957 | 6 2 7 | 47,061,095 | 237,015,052 | 532,475,266 | 17 4 6 | |
| 1870.. | 303,257,493 | 9 14 4 | | 199,586,322 | 6 7 11 | 44,493,755 | 244,080,577 | 547,338,070 | 17 10 10 | |
| 1871.. | 331,015,480 | 10 10 1 | | 223,066,162 | 7 1 7 | 60,508,538 | 283,574,700 | 614,590,180 | 19 10 1 | |
| 1872.. | 354,693,624 | 11 2 6 | | 251,257,347 | 8 1 0 | 58,331,437 | 314,588,834 | 669,282,458 | 21 0 6 | |
| 1873.. | 371,287,872 | 11 11 2 | | 255,164,603 | 7 13 10 | 55,840,162 | 311,004,765 | 682,292,137 | 21 4 6 | |
| 1874.. | 370,082,701 | 11 8 3 | | 239,558,121 | 7 7 9 | 58,092,343 | 297,650,464 | 667,733,165 | 20 11 10 | |
| 1875.. | 373,939,577 | 11 8 5 | | 223,465,963 | 6 16 6 | 58,146,360 | 281,612,323 | 655,551,900 | 20 0 4 | |
| 1876.. | 375,154,703 | 11 6 8 | | 200,639,204 | 6 1 3 | 56,137,398 | 256,776,602 | 631,931,305 | 19 1 11 | |
| 1877.. | 394,419,632 | 11 15 10 | | 198,893,065 | 5 18 11 | 53,452,956 | 252,346,020 | 646,765,702 | 19 6 9 | |

NUMBER AND TONNAGE OF SAILING AND STEAM VESSELS BUILT IN
THE UNITED KINGDOM IN EACH YEAR, 1861-1876.

| YEARS. | SAILING VESSELS. | | STEAM VESSELS. | | TOTAL. | |
|--------|------------------|---------|----------------|---------|---------|---------|
| | Vessels | Tons. | Vessels | Tons. | Vessels | Tons. |
| 1861.. | 774 | 139,970 | 201 | 70,869 | 975 | 200,839 |
| 1862.. | 827 | 164,061 | 221 | 77,338 | 1,048 | 241,399 |
| 1863.. | 881 | 253,033 | 279 | 107,951 | 1,160 | 360,987 |
| 1864.. | 867 | 272,499 | 374 | 159,374 | 1,241 | 431,873 |
| 1865.. | 922 | 235,555 | 382 | 179,049 | 1,304 | 415,204 |
| 1866.. | 969 | 207,678 | 354 | 133,511 | 1,323 | 341,189 |
| 1867.. | 915 | 185,771 | 285 | 97,219 | 1,210 | 282,990 |
| 1868.. | 878 | 290,477 | 232 | 79,096 | 1,110 | 369,573 |
| 1869.. | 731 | 245,373 | 261 | 123,203 | 1,012 | 368,576 |
| 1870.. | 609 | 136,236 | 434 | 226,591 | 1,043 | 362,877 |
| 1871.. | 485 | 60,260 | 537 | 330,798 | 1,022 | 391,058 |
| 1872.. | 427 | 58,757 | 635 | 415,961 | 1,062 | 474,718 |
| 1873.. | 422 | 89,626 | 509 | 363,917 | 931 | 453,543 |
| 1874.. | 499 | 187,313 | 492 | 333,890 | 991 | 521,203 |
| 1875.. | 566 | 241,646 | 357 | 178,905 | 923 | 420,551 |
| 1876.. | 687 | 236,890 | 320 | 123,475 | 1,007 | 360,365 |
| 1877.. | 707 | 212,364 | 389 | 221,330 | 1,096 | 433,694 |

From the Statistical Abstract of Great Britain.

BRITISH SHIPPING.

NUMBER AND TONNAGE OF REGISTERED SAILING AND STEAM VESSELS (*exclusive of River Steamers*) OF THE UNITED KINGDOM, EMPLOYED IN THE HOME AND FOREIGN TRADE; AND THE NUMBER OF MEN EMPLOYED THEREIN.

| TRADES IN WHICH EMPLOYED | SAILING VESSELS. | | | STEAM VESSELS. | | | TOTAL. | | | |
|-------------------------------|------------------|--------|--------------------|----------------|-------|-------------------|-----------|--------|--------------------|---------|
| | Ves-sels. | Tons. | Men Em- ployed. | Ves-sels. | Tons. | Men Em- ployed | Ves-sels. | Tons. | Men Em- ployed. | |
| In the Foreign Trade. | 1861 | 6,902 | 2,866,218 | 96,880 | 477 | 313,465 | 18,729 | 7,379 | 3,179,683 | 115,609 |
| | 1862 | 7,095 | 2,993,696 | 100,145 | 510 | 328,310 | 19,250 | 7,605 | 3,322,006 | 119,405 |
| | 1863 | 7,360 | 3,246,526 | 106,100 | 574 | 371,201 | 22,288 | 7,934 | 3,617,727 | 128,388 |
| | 1864 | 7,557 | 3,532,242 | 110,489 | 727 | 456,241 | 27,835 | 8,284 | 3,998,483 | 138,324 |
| | 1865 | 7,384 | 3,629,023 | 110,501 | 756 | 523,698 | 28,860 | 8,140 | 4,152,721 | 139,361 |
| | 1866 | 7,454 | 3,612,973 | 109,073 | 784 | 553,425 | 28,748 | 8,238 | 4,166,398 | 137,821 |
| | 1867 | 7,467 | 3,641,662 | 107,364 | 834 | 608,232 | 31,411 | 8,301 | 4,249,894 | 138,775 |
| | 1868 | 7,306 | 3,646,150 | 105,704 | 862 | 619,199 | 31,568 | 8,168 | 4,265,349 | 137,272 |
| | 1869 | 6,963 | 3,611,743 | 102,440 | 810 | 644,080 | 30,207 | 7,773 | 4,255,823 | 132,647 |
| | 1870 | 6,757 | 3,468,717 | 96,954 | 935 | 760,410 | 33,089 | 7,692 | 4,229,127 | 130,043 |
| | 1871 | 6,202 | 3,279,570 | 89,147 | 1,066 | 936,914 | 40,323 | 7,268 | 4,216,484 | 129,470 |
| | 1872 | 6,091 | 3,206,179 | 86,426 | 1,364 | 1,185,877 | 48,776 | 7,455 | 4,392,056 | 135,202 |
| | 1873 | 5,898 | 3,113,132 | 83,766 | 1,479 | 1,368,245 | 54,302 | 7,377 | 4,481,377 | 138,068 |
| | 1874 | 5,613 | 3,092,730 | 82,693 | 1,597 | 1,513,210 | 57,823 | 7,210 | 4,605,940 | 140,516 |
| | 1875 | 5,327 | 3,123,202 | 81,329 | 1,465 | 1,470,158 | 54,366 | 6,792 | 4,593,360 | 135,695 |
| Total—Home and Foreign Trade. | 1861 | 19,288 | 3,918,511 | 144,949 | 997 | 441,184 | 27,008 | 20,285 | 4,359,695 | 171,957 |
| | 1862 | 19,059 | 4,011,501 | 146,047 | 1,033 | 461,793 | 27,816 | 20,092 | 4,473,294 | 173,863 |
| | 1863 | 19,757 | 4,283,528 | 153,651 | 1,120 | 511,751 | 31,076 | 20,877 | 4,795,279 | 184,727 |
| | 1864 | 20,184 | 4,539,475 | 158,276 | 1,329 | 618,993 | 37,480 | 21,513 | 5,208,468 | 195,756 |
| | 1865 | 20,207 | 4,706,752 | 158,589 | 1,419 | 701,699 | 39,054 | 21,626 | 5,408,451 | 197,643 |
| | 1866 | 20,212 | 4,705,049 | 156,568 | 1,506 | 747,813 | 39,803 | 21,718 | 5,452,862 | 196,371 |
| | 1867 | 20,161 | 4,681,031 | 153,229 | 1,616 | 812,677 | 43,111 | 21,777 | 5,493,708 | 196,340 |
| | 1868 | 20,525 | 4,691,820 | 153,840 | 1,725 | 824,614 | 43,662 | 22,250 | 5,516,434 | 197,502 |
| | 1869 | 20,156 | 4,677,275 | 152,186 | 1,725 | 880,028 | 43,304 | 21,881 | 5,557,303 | 195,490 |
| | 1870 | 19,940 | 4,519,141 | 147,207 | 2,240 | 1,089,969 | 48,755 | 22,180 | 5,559,110 | 195,962 |
| | 1871 | 19,650 | 4,343,558 | 141,035 | 2,557 | 1,290,003 | 58,703 | 22,207 | 5,633,561 | 199,738 |
| | 1872 | 19,709 | 4,245,904 | 137,101 | 2,845 | 1,515,704 | 66,619 | 22,554 | 5,761,608 | 203,730 |
| | 1873 | 18,785 | 4,067,144 | 130,877 | 2,796 | 1,680,953 | 71,362 | 21,581 | 5,748,097 | 202,239 |
| | 1874 | 17,926 | 4,037,564 | 128,733 | 2,946 | 1,827,024 | 74,873 | 20,872 | 5,864,588 | 203,606 |
| | 1875 | 17,221 | 4,044,504 | 126,240 | 2,970 | 1,847,188 | 73,427 | 20,191 | 5,891,692 | 199,667 |
| | 1876 | 17,228 | 4,125,058 | 125,811 | 3,121 | 1,870,094 | 72,827 | 20,349 | 5,996,152 | 198,638 |
| | 1877 | 17,101 | 9,138,149 | 123,563 | 3,218 | 1,977,489 | 72,999 | 20,319 | 6,115,638 | 196,562 |

JOHN LAW'S MONEY.

[From "Money and Trade Considered," by John Law, 1705.]

"CONSIDERING how small a share we have of the money of Europe, and how much trade depends on money, it will not be found very practicable to better our condition but by an addition to our money. Or, if it is practicable without it, it is much more so with it.

"What I shall propose is to make money of land equal to its value; and that money to be equal in value to silver money; and not liable to fall in value, as silver money falls.

"To supply the nation with money, it is humbly proposed that forty commissioners be appointed by Parliament, answerable to Parliament for their administration and the administration of the officers

under them ; the nomination of these officers being left to the commissioners.

" That the commissioners have power to coin notes, which notes to be received in payments, where offered.

" There are three ways humbly offered to the Parliament for giving out these notes ; they in their wisdom may determine which will be most safe.

" 1. To authorize the commission to lend notes on land security, the debt not exceeding one-half or two-thirds of the value : and at the ordinary interest.

" 2. To give out the full price of land, as it is valued, twenty years' purchase more or less, according to what it would have given in silver money, the commission entering into possession of such land by wadset granted to the commission or assignees ; and redeemable betwixt that and the expiring of a term of years.

" 3. To give the full price of land upon sale made of such lands, and disposed to the commission or assignees irredeemably.

" That for a year and a half the commission be limited to a certain sum ; after that time to have power to coin what sums are demanded ; unless restricted by ensuing Parliaments.

" This paper money will not fall in value as silver has fallen or may fall. Goods or money fall in value, if they increase in quantity, or if the demand lessens. But the commission giving out what sums are demanded, and taking back what sums are offered to be returned ; this paper money will keep its value, and there will always be as much money as there is occasion or employment for, and no more.

" So that this paper money proposed, having a better value than silver, and receiving no addition to its value, from being used as money, and not being liable to any change in its value, the quantity and demand increasing and decreasing together, it is so far more qualified to be the measure by which goods are valued, the value by which goods are exchanged, and in which contracts are made payable.

" If a money is established that has no intrinsic value, and its extrinsic value to be such as it will not be exported ; nor will not be less than the demand for it within the country : wealth and power will be attained and be less precarious. Money not being liable to be lessened directly nor consequentially, and trade not liable to decay consequentially.

" The paper money proposed being always equal in quantity to the demand, the people will be employed, the country improved, manufacture advanced, trade, domestic and foreign, will be carried on and wealth and power attained. And not being liable to be exported, the people will not be set idle, etc., and wealth and power will be less precarious.

" When a nation establishes a money, if the money they set up has a value equal what it is made money for, and all the other qualities necessary in money, they ought to have no regard to what value it will have in other countries. On the contrary, as every country endeavors by laws to preserve their money, *if that people can contrive a money that will not be valued abroad*, they will do what other countries have by laws endeavored in vain."

THE DOMINION OF CANADA.

[Compiled from the Sessional Papers of the Dominion of Canada for 1878.]

The Dominion of Canada forms (since 1867) a confederate government, with a representative parliament meeting annually at Ottawa, the capital. The members of the Senate, 78 in number, are nominated for life by the summons of the Governor-General. The House of Commons, with 206 members, is elected by the people for five years, the right of suffrage being subject to a property qualification. The Governor-General (appointed in 1878) is the Marquis of Lorne, salary, \$50,000. The funded debt in 1877 was \$149,397,110, drawing interest from 4 to 6 per cent., having increased to this amount from 80 millions in 1867. The revenue for the fiscal year ending June 30, 1877, was \$22,059,274, derived from the following principal sources: customs, \$12,546,968; excise, \$4,941,898; public works, including railways and canals, \$1,807,076; post-office, \$1,114,946.

The expenditure for 1877 was \$34,362,408, of which \$3,000,000 was for redemption of the debt, \$3,000,000 for the Pacific and other railway constructions, and \$4,000,000 for other public works. The net ordinary expenses amounted to \$23,587,868, the principal item being for interest on the public debt, \$6,797,237.

Commerce of Canada for 10 Years—1868-1877.

Statement showing the values of total Exports, Imports, and Goods entered for Consumption in the Dominion, with the Duty collected thereon for ten years.

| Year ending June 30. | Total Exports. | Total Imports. | Entered for Consumption. | Duty. |
|---------------------------|----------------|----------------|--------------------------|----------------|
| | \$ | \$ | \$ | \$ |
| 1868..... | 57,567,888 | 73,459,644 | 71,985,306 | 8,819,431 63 |
| 1869..... | 60,474,781 | 70,415,165 | 67,402,170 | 8,298,909 71 |
| 1870..... | 73,573,490 | 74,814,339 | 71,237,663 | 9,462,940 44 |
| 1871..... | 74,173,618 | 96,092,971 | 86,947,482 | 11,843,655 75 |
| 1872..... | 62,639,663 | 111,430,527 | 107,709,116 | 13,045,493 50 |
| 1873..... | 89,789,922 | 128,011,281 | 127,514,594 | 13,017,730 17 |
| 1874..... | 89,351,928 | 128,213,582 | 127,404,169 | 14,421,882 67 |
| 1875..... | 77,886,979 | 123,070,283 | 119,618,657 | 15,361,382 12 |
| 1876..... | 80,966,435 | 93,210,346 | 94,733,218 | 12,833,114 48 |
| 1877..... | 75,875,393 | 99,327,962 | 96,300,483 | 12,548,451 09 |
| Aggregate for ten years.. | 762,300,097 | 998,046,100 | 970,852,798 | 119,652,991 56 |

The chief items of export were in 1877 :

| | | | |
|-------------------------------|--------------|-----------------------------|--------------|
| Wood, timber, lumber, etc.... | \$23,000,000 | Animals, and produce of.... | \$13,000,000 |
| Bread-stuffs..... | 12,000,000 | Products of the mines..... | 3,000,000 |
| Fisheries..... | 6,000,000 | Manufactured articles..... | 4,000,000 |

Of the imports, 40 millions came from Great Britain, 51 millions from the United States, and \$5,300,000 from all other countries.

Of the exports, \$41,500,000 went to Great Britain, 26 millions to the United States, and 8 millions to all other countries. The Canadian lumber trade is of great extent and value, and from 94 to 96 per cent. of its aggregate exports go to the United States.

The merchant shipping of the Dominion, Jan. 1, 1878, numbered 7,363 vessels, measuring 1,310,468 tons, and is steadily increasing. The canals of Canada are extensive and profitable, and are managed by the Government. The Welland canal charges 20 cents per ton on grain and other bulky freights, and 2½ cents a ton on each vessel. The total tonnage passing the Welland canal in 1877 was 1,316,659, and that through the Saint Lawrence canal, 1,341,156. The revenue from all the canals in 1877 was \$373,954.

The savings banks of Canada in 1877 numbered 287 post-office and government savings banks (first started in 1868), with deposits amounting to \$7,470,691, on which the interest allowed depositors was \$294,224.

The total money value of the fisheries within the Dominion of Canada has been as follows, for the past eight years :

| | | | |
|-----------|----------------|-----------|-----------------|
| 1870..... | \$6,577,891 72 | 1874..... | \$11,681,886 20 |
| 1871..... | 7,573,199 85 | 1875..... | 10,350,385 29 |
| 1872..... | 9,570,116 05 | 1876..... | 11,012,302 39 |
| 1873..... | 10,547,402 44 | 1877..... | 11,422,501 77 |

Of this aggregate, the value of cod-fish figures at about \$3,360,000 per annum ; mackerel, \$1,670,000 ; herring, \$1,500,000, and lobsters, \$1,213,000.

The Indian population of Canada, as reported by the Superintendent of Indian Affairs in 1877, was 99,650.

SUMMARY OF POPULAR AND ELECTORAL VOTES FOR PRESIDENT AND VICE-PRESIDENT OF THE UNITED STATES, 1789-1876.

| Year of Election. | No. of States. | Total Elec. V. | POLITICAL PARTY. | * PRESIDENTS. | | | * VICE-PRESIDENTS. | |
|-------------------|----------------|----------------|------------------|---------------------|---------|----------|--------------------|--------------|
| | | | | CANDIDATES. | VOTE. | | CANDIDATES. | Elect. Vote. |
| | | | | | States. | Popular. | | |
| 1789 | 10 | 73 | | George Washington | | 69 | | ... |
| | | | | John Adams | | | | 34 |
| | | | | John Jay | | | | 9 |
| | | | | R. H. Harrison | | | | 6 |
| | | | | John Rutledge | | | | 6 |
| | | | | John Hancock | | | | 4 |
| | | | | George Clinton | | | | 3 |
| | | | | Samuel Huntington | | | | 2 |
| | | | | John Milton | | | | 2 |
| | | | | James Armstrong | | | | 1 |
| | | | | Benjamin Lincoln | | | | 1 |
| | | | | Edward Telfair | | | | 1 |
| | | | | Vacancies | | 4 | | 4 |
| 1792 | 15 | 135 | Federalist.. | George Washington | | 132 | | ... |
| | | | Federalist.. | John Adams | | | | 77 |
| | | | Republican | George Clinton | | | | 50 |
| | | | | Thomas Jefferson | | | | 4 |
| | | | | Aaron Burr | | | | 1 |
| | | | | Vacancies | | 3 | | 3 |
| 1796 | 16 | 138 | Federalist.. | John Adams | | 71 | | ... |
| | | | Republican | Thomas Jefferson | | | | 68 |
| | | | Federalist.. | Thomas Pinckney | | | | 59 |
| | | | Republican | Aaron Burr | | | | 30 |
| | | | | Samuel Adams | | | | 15 |
| | | | | Oliver Ellsworth | | | | 11 |
| | | | | George Clinton | | | | 7 |
| | | | | John Jay | | | | 5 |
| | | | | James Iredell | | | | 3 |
| | | | | George Washington | | | | 2 |
| | | | | John Henry | | | | 2 |
| | | | | S. Johnson | | | | 2 |
| | | | | Charles C. Pinckney | | | | 1 |
| 1800 | 16 | 138 | Republican | Thomas Jefferson | | 73 | | ... |
| | | | Republican | Aaron Burr | | | | 73 |
| | | | Federalist.. | John Adams | | | | 65 |
| | | | Federalist.. | Charles C. Pinckney | | | | 64 |
| | | | | John Jay | | | | 1 |

* Previous to the election of 1804 each elector voted for two candidates for President; the one receiving the highest number of votes, if a majority, was declared elected President; and the next highest Vice-President.

† Three States out of thirteen did not vote, viz.: New York, which had not passed an electoral law; and North Carolina and Rhode Island, which had not adopted the Constitution.

‡ There having been a tie vote, the choice devolved upon the House of Representatives. A choice was made on the 36th ballot, which was as follows: Jefferson—Georgia, Kentucky, Maryland, New Jersey, New York, North Carolina, Pennsylvania, Tennessee, Vermont, and Virginia—10 States; Burr—Connecticut, Massachusetts, New Hampshire, and Rhode Island—4 States; Blank—Delaware and South Carolina—2 States.

SUMMARY OF POPULAR AND ELECTORAL VOTES—(Continued).

| Year of Election. | No. of States. | Total Elec. V. | POLITICAL PARTY. | PRESIDENTS. | | | VICE-PRESIDENTS. | | |
|-------------------|----------------|----------------|---|--|--|--|---|--|--------------------------------------|
| | | | | CANDIDATES. | VOTE. | | CANDIDATES. | Elect. Vote. | |
| | | | | | States. | Popular. | | | |
| 1804 | 17 | 176 | Republican Federalist.. | Thomas Jefferson.. Charles C. Pinckney | 15 2 | ..... ..... | 162 14 | George Clinton.. Rufus King..... | 162 14 |
| 1808 | 17 | 176 | Republican Federalist.. | James Madison... Charles C. Pinckney George Clinton.... Vacancy | 12 5 | 47 6 | 122 47 9 3 3 1 | George Clinton.. Rufus King..... John Langdon... James Madison... James Monroe... | 113 47 9 3 3 1 |
| 1812 | 18 | 218 | Republican. Federalist.. | James Madison.... De Witt Clinton.... Vacancy | 11 7 ..... | ..... ..... ..... | 128 89 1 | Elbridge Gerry... Jared Ingersoll.. | 131 86 1 |
| 1816 | 19 | 221 | Republican. Federalist.. | James Monroe..... Rufus King..... Vacancies | 16 3 | 34 | 183 34 | D. D. Tompkins. John E. Howard James Ross..... John Marshall... Robt. G. Harper. | 183 22 5 4 3 4 |
| 1820 | 24 | 235 | Republican Opposition. | James Monroe..... John Q. Adams.... Vacancies | 24 ..... ..... ..... ..... | ..... ..... ..... ..... ..... | 231 1 | D. D. Tompkins. Rich. Stockton.. Daniel Rodney... Robt. G. Harper Richard Rush... | 218 8 4 1 1 3 |
| 1824 | 24 | 261 | Republican. Coalition... Republican. Republican. | Andrew Jackson... John Q. Adams.... Wm. H. Crawford.. Henry Clay..... Vacancy | 10 8 3 3 | 155,872 105,321 44,282 46,587 | *99 84 41 37 | John C. Calhoun Nathan Sanford. Nathaniel Macon Andrew Jackson M. Van Buren... Henry Clay..... | 182 30 24 13 9 2 1 |
| 1828 | 24 | 261 | Democratic Nat. Repub. | Andrew Jackson... John Q. Adams... | 15 9 | 647,231 509,097 | 178 83 | John C. Calhoun Richard Rush... William Smith... | 171 83 7 |
| 1832 | 24 | 288 | Democratic Nat. Repub. Anti-Mason | Andrew Jackson... Henry Clay..... John Floyd..... William Wirt.... Vacancies | 15 7 1 1 | 687,502 530,189 33,108 | 219 49 11 7 | M. Van Buren... John Sergeant... Henry Lee..... Amos Ellmaker. William Wilkins | 189 49 11 7 30 2 |
| 1836 | 26 | 294 | Democratic. Whig | Martin Van Buren. Wm. H. Harrison } Whig..... Hugh L. White } Whig..... Daniel Webster.. } Whig..... W. P. Mangum... } | 15 7 2 1 1 | 761,549 736,656 | 170 73 26 14 11 | R. M. Johnson†. Francis Granger. John Tyler..... William Smith... | 147 77 47 23 |

* No choice having been made by the Electoral College, the choice devolved upon the House of Representatives. A choice was made on the first ballot, which was as follows: Adams—Connecticut, Illinois, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Missouri, New Hampshire, New York, Ohio, Rhode Island, and Vermont—13 States; Jackson—Alabama, Indiana, Mississippi, New Jersey, Pennsylvania, South Carolina, and Tennessee—7 States; Crawford—Delaware, Georgia, North Carolina, and Virginia—4 States.

† No candidate having received a majority of the votes of the Electoral College, the Senate elected R. M. Johnson Vice-President, who received 33 votes; Francis Granger received 18.

SUMMARY OF POPULAR AND ELECTORAL VOTES—(Continued).

| Year of Election. | No. of States. | Total Elec. V. | POLITICAL PARTY. | PRESIDENTS. | | | | VICE-PRESIDENTS. | |
|-------------------|----------------|----------------|------------------|-----------------------|---------|-----------|-----------|--------------------|--------------|
| | | | | CANDIDATES. | States. | VOTE. | | CANDIDATES. | Elect. Vote. |
| | | | | | | Popular. | Electoral | | |
| 1840 | 26 | 294 | Whig | Wm. H. Harrison.. | 19 | 1,275,017 | 234 | John Tyler..... | 234 |
| | | | Democratic | Martin Van Buren.. | 7 | 1,128,702 | 60 | R. M. Johnson.. | 48 |
| | | | Liberty | James G. Birney... | | 7,059 | | L. W. Tazewell.. | 11 |
|  |  |  | ..... | ..... |  |  |  | James K. Polk.. | 1 |
| 1844 | 26 | 275 | Democratic | James K. Polk..... | 15 | 1,337,243 | 170 | Geo. M. Dallas.. | 170 |
| | | | Whig | Henry Clay..... | 11 | 1,299,068 | 105 | T. Frelinghuysen | 105 |
| | | | Liberty | James G. Birney... | | 62,300 |  | ..... |  |
| 1848 | 30 | 290 | Whig | Zachary Taylor.... | 15 | 1,360,101 | 163 | Millard Fillmore | 163 |
| | | | Democratic | Lewis Cass..... | 15 | 1,220,544 | 127 | Wm. O. Butler.. | 127 |
| | | | Free Soil... | Martin Van Buren.. | | 291,263 | | Chas. F. Adams... | |
| 1852 | 31 | 296 | Democratic | Franklin Pierce.... | 27 | 1,601,474 | 254 | Wm. R. King.... | 254 |
| | | | Whig | Winfield Scott.... | 4 | 1,386,578 | 42 | Wm. A. Graham | 42 |
| | | | Free Dem.. | John P. Hale..... | | 156,149 | | Geo. W. Julian.. | |
| 1856 | 31 | 296 | Democratic | James Buchanan... | 19 | 1,838,169 | 174 | J. C. Breckinr'ge | 174 |
| | | | Republican. | John C. Fremont... | 11 | 1,341,264 | 114 | Wm. L. Dayton... | 114 |
| | | | American... | Millard Fillmore... | 1 | 874,534 | 8 | A. J. Donelson... | 8 |
| 1860 | 33 | 303 | Republican. | Abraham Lincoln... | 17 | 1,866,352 | 180 | Hannibal Hamlin | 180 |
| | | | Democratic. | J. C. Breckinridge.. | 11 | 845,763 | 72 | Joseph Lane.... | 72 |
| | | | Cons. Union | John Bell..... | 3 | 589,581 | 39 | Edward Everett... | 39 |
| | | | Ind. Dem... | S. A. Douglas..... | 2 | 1,375,157 | 12 | H. V. Johnson... | 12 |
| 1864 | *36 | 314 | Republican. | Abraham Lincoln... | 22 | 2,216,067 | 212 | Andrew Johnson | 212 |
| | | | Democratic | Geo. B. McClellan.. | 3 | 1,808,725 | 21 | G. H. Pendleton. | 21 |
|  |  |  | ..... | Vacancies..... | 11 | | 81 | ..... | 81 |
| 1868 | †37 | 317 | Republican. | Ulysses S. Grant... | 26 | 3,015,071 | 214 | Schuyler Colfax. | 214 |
| | | | Democratic. | Horatio Seymour... | 8 | 2,709,613 | 80 | F. P. Blair, Jr... | 80 |
|  |  |  | ..... | Vacancies..... | 3 | | 23 | ..... | 23 |
| 1872 | 37 | 366 | Republican. | Ulysses S. Grant... | 31 | 3,597,070 | 286 | Henry Wilson... | 286 |
| | | | Dem. & Lib. | Horace Greeley.... | 6 | 2,831,079 | | B. Gratz Brown... | 47 |
| | | | Democratic. | Charles O'Connor... | | 29,408 | | Geo. W. Julian... | 5 |
| | | | Temp'rance | James Black..... | | 5,608 | | A. H. Colquitt... | 5 |
|  |  |  | ..... | Thos. A. Hendricks | | | 42 | John M. Palmer... | 3 |
|  |  |  | ..... | B. Gratz Brown... | | | 18 | T. E. Bramlette... | 3 |
|  |  |  | ..... | Charles J. Jenkins... | | | 2 | W. S. Groesbeck... | 1 |
|  |  |  | ..... | David Davis..... | | | 1 | Willis B. Machen | 1 |
|  |  |  | ..... | ‡ Not Counted... | | | 17 | N. P. Banks..... | 14 |
| 1876 | 38 | 369 | Republican. | Rutherford B. Hayes | 21 | 4,033,950 | 185 | Wm. A. Wheeler | 185 |
| | | | Democratic. | Samuel J. Tilden... | 17 | 4,284,885 | 184 | T. A. Hendricks | 184 |
| | | | Greenback.. | Peter Cooper..... | | 81,740 |  | ..... |  |
| | | | Prohibition | Green Clay Smith... | | 9,522 |  | ..... |  |
|  |  |  | ..... | Scattering..... | | 2,636 |  | ..... |  |

* Eleven States did not vote, viz.: Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, and Virginia.

† Three States did not vote, viz.: Mississippi, Texas, and Virginia.

‡ Three electoral votes of Georgia cast for Horace Greeley, and the votes of Arkansas, 6, and Louisiana, 8, cast for U. S. Grant, were rejected. If all had been included in the count, the electoral vote would have been 300 for U. S. Grant, and 66 for opposing candidates.

PRESIDENTS AND THEIR CABINETS.

PRESIDENTS AND VICE-PRESIDENTS.

| PRESIDENTS. | | | | VICE-PRESIDENTS. | | | |
|-------------|-----|-----------------------|----------------|----------------------------|------------------------|---------------|--|
| Term. | No. | Name. | Qualified. | No. | Name. | Qualified. | |
| *1 | 1 | George Washington. | April 30, 1789 | 1 | John Adams | June 8, 1789 | |
| 2 | | " | Mar. 4, 1793 | | " | Dec. 2, 1793 | |
| 3 | 2 | John Adams | Mar. 4, 1797 | 2 | Thomas Jefferson. ... | March 4, 1797 | |
| 4 | 3 | Thomas Jefferson .. | Mar. 4, 1801 | 3 | Aaron Burr | March 4, 1801 | |
| 5 | | " | Mar. 4, 1805 | 4 | George Clinton..... | March 4, 1805 | |
| 6 | 4 | James Madison..... | Mar. 4, 1809 | | " | March 4, 1809 | |
| 7 | | " | Mar. 4, 1813 | 5 | Elbridge Gerry..... | March 4, 1813 | |
| | | | | †John Gaillard..... | Nov. 25, 1814 | | |
| 8 | 5 | James Monroe | Mar. 4, 1817 | 6 | Daniel D. Tompkins .. | March 4, 1817 | |
| 9 | | " | Mar. 5, 1821 | | " | March 5, 1821 | |
| 10 | 6 | John Quincy Adams | Mar. 4, 1825 | 7 | John C. Calhoun..... | March 4, 1825 | |
| 11 | 7 | Andrew Jackson.... | Mar. 4, 1829 | | " | March 4, 1829 | |
| 12 | | " | Mar. 4, 1833 | 8 | Martin Van Buren.... | March 4, 1833 | |
| 13 | 8 | Martin Van Buren... | Mar. 4, 1837 | 9 | Richard M. Johnson... | March 4, 1837 | |
| 14 | 9 | Wm. Henry Harrison | Mar. 4, 1841 | 10 | John Tyler..... | March 4, 1841 | |
| 14a | 10 | John Tyler..... | April 6, 1841 | †Samuel L. Southard.. | April 6, 1841 | | |
| | | | | †Willie P. Mangum.... | May 31, 1842 | | |
| 15 | 11 | James K. Polk | Mar. 4, 1845 | 11 | George M. Dallas..... | March 4, 1845 | |
| 16 | 12 | Zachary Taylor..... | Mar. 5, 1849 | 12 | Millard Fillmore..... | March 5, 1849 | |
| 16a | 13 | Millard Fillmore. ... | July 10, 1850 | †William R. King | July 11, 1850 | | |
| 17 | 14 | Franklin Pierce.... | Mar. 4, 1853 | 13 | William R. King..... | March 4, 1853 | |
| | | | | †David R. Atchison... .. | April 18, 1853 | | |
| | | | | †Jesse D. Bright..... | Dec. 5, 1854 | | |
| 18 | 15 | James Buchanan... .. | Mar. 4, 1857 | 14 | John C. Breckinridge.. | March 4, 1857 | |
| 19 | 16 | Abraham Lincoln ... | Mar. 4, 1861 | 15 | Hannibal Hamlin..... | March 4, 1861 | |
| 20 | | " | Mar. 4, 1865 | 16 | Andrew Johnson..... | March 4, 1865 | |
| 20a | 17 | Andrew Johnson... .. | April 15, 1865 | †Lafayette S. Foster... .. | April 15, 1865 | | |
| | | | | †Benjamin F. Wade... .. | March 2, 1867 | | |
| 21 | 18 | Ulysses S. Grant ... | Mar. 4, 1869 | 17 | Schuyler Colfax..... | March 4, 1869 | |
| 22 | | " | Mar. 4, 1873 | 18 | Henry Wilson..... | March 4, 1873 | |
| | | | | †Thomas W. Ferry..... | Nov. 22, 1875 | | |
| 23 | 19 | Rutherford B. Hayes | Mar. 5, 1877 | 19 | William A. Wheeler.... | March 5, 1877 | |

* The heavy-faced figures in this column mark the terms held by the Presidents, and are referred to in succeeding tables. The smaller figures indicate the numerical order or sequence of individual officers from the first.

† Acting Vice-President and President *pro tem.* of the Senate.

SECRETARIES OF STATE.

| Term. | No. | NAME. | APPOINTED. | Term. | No. | NAME. | APPOINTED. |
|-----------|-----|---------------------|----------------|------------|---------------------|-------------------------|----------------|
| 1 | 1 | Thomas Jefferson.. | Sept. 26, 1789 | 14 | 14 | Daniel Webster ... | Mar. 5, 1841 |
| 2 | | " | March 4, 1793 | 14a | | " | April 6, 1841 |
| | 2 | Edmund Randolph. | Jan. 2, 1794 | | 15 | Hugh S. Legare..... | May 24, 1843 |
| | 3 | Timothy Pickering. | Dec. 10, 1795 | | 16 | Abel P. Upshur | July 24, 1843 |
| | | " | March 4, 1797 | | 17 | John C. Calhoun.... | Mar. 6, 1844 |
| 3 | 4 | John Marshall..... | May 13, 1800 | 15 | | James Buchanan... .. | Mar. 6, 1845 |
| 4 | 5 | James Madison..... | March 5, 1801 | 16 | 19 | John M. Clayton... .. | Mar. 8, 1849 |
| 5 | | " | March 4, 1805 | 16a | | Daniel Webster..... | July 22, 1850 |
| 6 | 6 | Robert Smith..... | March 6, 1809 | 20 | Edward Everett..... | Nov. 6, 1853 | |
| 7 | 7 | James Monroe.... | April 2, 1811 | 17 | 21 | William L. Marcy... .. | Mar. 7, 1853 |
| | | " | March 4, 1813 | 18 | 22 | Lewis Cass..... | Mar. 6, 1857 |
| 8 | 8 | John Quincy Adams | March 5, 1817 | | 23 | Jeremiah S. Black... .. | Dec. 17, 1860 |
| 9 | | " | March 5, 1821 | 19 | 24 | William H. Seward... .. | Mar. 5, 1861 |
| 10 | 9 | Henry Clay..... | March 7, 1825 | 20 | | " | Mar. 4, 1865 |
| 11 | 10 | Martin Van Buren.. | March 6, 1829 | 20a | | " | April 15, 1865 |
| | 11 | Edward Livingston.. | May 24, 1831 | | 25 | E. B. Washburne... .. | Mar. 5, 1869 |
| 12 | 12 | Louis McLane..... | May 29, 1833 | 21 | 26 | Hamilton Fish | Mar. 11, 1869 |
| | 13 | John Forsyth..... | June 27, 1834 | 22 | | " | Mar. 4, 1873 |
| 13 | | " | March 4, 1837 | 23 | 27 | William M. Evarts... .. | Mar. 13, 1877 |

The heavy-faced figures mark the Presidential term in which each Cabinet Officer held his appointment, as shown by the table of Presidents preceding.

SECRETARIES OF THE TREASURY.

| Term. | No. | NAME. | APPOINTED. | Term. | No. | NAME. | APPOINTED. |
|-------|-----|-----------------------------------|----------------|-------|-----|-----------------------------------|---------------|
| 1 | 1 | Alex. Hamilton.... | Sept. 11, 1789 | 14a | 14 | Thomas Ewing.... | April 6, 1841 |
| 2 | 2 | " "..... | Mar. 4, 1793 | 15 | 15 | Walter Forward... Sept. 13, 1841 | |
| 3 | 3 | Oliver Wolcott.... | Feb. 2, 1795 | 16 | 16 | John C. Spencer... March 3, 1843 | |
| 4 | 4 | " "..... | Mar. 4, 1797 | 17 | 17 | George M. Bibb... June 15, 1844 | |
| 5 | 5 | Samuel Dexter.... | Jan. 1, 1801 | 18 | 18 | Robert J. Walker... March 6, 1845 | |
| 6 | 6 | Albert Gallatin.... | May 14, 1801 | 19 | 19 | Wm. M. Meredith... March 8, 1849 | |
| 7 | 7 | " "..... | Mar. 4, 1809 | 20 | 20 | Thomas Corwin... July 23, 1850 | |
| 8 | 8 | " "..... | Mar. 4, 1813 | 21 | 21 | James Guthrie.... March 7, 1853 | |
| 9 | 9 | Geo. W. Campbell... Feb. 9, 1814 | | 22 | 22 | Howell Cobb.... March 6, 1857 | |
| 10 | 10 | Alexander J. Dallas. Oct. 6, 1814 | | 23 | 23 | Philip F. Thomas... Dec. 12, 1860 | |
| 11 | 11 | Wm. H. Crawford... Oct. 23, 1816 | | 24 | 24 | John A. Dix.... Jan. 11, 1861 | |
| 12 | 12 | " "..... Mar. 5, 1817 | | 25 | 25 | Salmon P. Chase... March 7, 1861 | |
| 13 | 13 | " "..... Mar. 5, 1821 | | 26 | 26 | Wm. Pitt Fessenden July 1, 1864 | |
| 14 | 14 | Richard Rush.... Mar. 7, 1825 | | 27 | 27 | Hugh McCulloch... March 7, 1865 | |
| 15 | 15 | Samuel D. Ingham... Mar. 6, 1829 | | 28 | 28 | " "..... April 15, 1865 | |
| 16 | 16 | Louis McLane.... Aug. 2, 1831 | | 29 | 29 | George S. Boutwell March 11, 1869 | |
| 17 | 17 | William J. Duane... May 29, 1833 | | 30 | 30 | Wm. A. Richardson March 17, 1873 | |
| 18 | 18 | Roger B. Taney.... Sept. 23, 1833 | | 31 | 31 | Benj. H. Bristow... June 4, 1874 | |
| 19 | 19 | Levi Woodbury.... June 27, 1834 | | 32 | 32 | Lot M. Morrill.... July 7, 1876 | |
| 20 | 20 | " "..... Mar. 4, 1837 | | 33 | 33 | John Sherman..... March 8, 1877 | |
| 21 | 21 | Thomas Ewing.... Mar. 5, 1841 | | | | | |

SECRETARIES OF WAR.

| | | | | | | | |
|----|----|-------------------------------------|----------------|-----|----|--|---------------|
| 1 | 1 | Henry Knox..... | Sept. 12, 1789 | 14a | 14 | John Bell..... | April 6, 1841 |
| 2 | 2 | " "..... | Mar. 4, 1793 | 15 | 15 | John C. Spencer... Oct. 12, 1841 | |
| 3 | 3 | Timothy Pickering Jan. 2, 1795 | | 16 | 16 | James M. Porter... March 8, 1843 | |
| 4 | 4 | James McHenry.... Jan. 27, 1796 | | 17 | 17 | William Wilkins... Feb. 15, 1844 | |
| 5 | 5 | " "..... Mar. 4, 1797 | | 18 | 18 | William L. Marcy... March 6, 1845 | |
| 6 | 6 | Samuel Dexter.... May 13, 1800 | | 19 | 19 | Geo. W. Crawford... March 8, 1849 | |
| 7 | 7 | Roger Griswold.... Feb. 3, 1801 | | 20 | 20 | Charles M. Conrad Aug. 15, 1850 | |
| 8 | 8 | Henry Dearborn... Mar. 5, 1801 | | 21 | 21 | Jefferson Davis... March 5, 1853 | |
| 9 | 9 | " "..... Mar. 4, 1805 | | 22 | 22 | James B. Floyd... March 6, 1857 | |
| 10 | 10 | William Eustis.... Mar. 7, 1809 | | 23 | 23 | Joseph Holt.... Jan. 18, 1861 | |
| 11 | 11 | John Armstrong... Jan. 13, 1813 | | 24 | 24 | Simon Cameron... March 5, 1861 | |
| 12 | 12 | " "..... Mar. 4, 1813 | | 25 | 25 | Edwin M. Stanton. Jan. 15, 1862 | |
| 13 | 13 | James Monroe.... Sept. 27, 1814 | | 26 | 26 | " "..... March 4, 1865 | |
| 14 | 14 | Wm. H. Crawford... Aug. 1, 1815 | | 27 | 27 | " "..... April 15, 1865 | |
| 15 | 15 | George Graham.... <i>ad interim</i> | | 28 | 28 | U.S. Grant, <i>ad inter.</i> Aug. 12, 1867 | |
| 16 | 16 | John C. Calhoun... Oct. 8, 1817 | | 29 | 29 | L. Thomas, " " Feb. 21, 1868 | |
| 17 | 17 | " "..... Mar. 5, 1821 | | 30 | 30 | John M. Schofield. May 28, 1868 | |
| 18 | 18 | James Barbour.... Mar. 7, 1825 | | 31 | 31 | John A. Rawlins... March 11, 1869 | |
| 19 | 19 | Peter B. Porter.... May 26, 1828 | | 32 | 32 | Wm. W. Belknap... Oct. 25, 1869 | |
| 20 | 20 | John H. Eaton.... Mar. 9, 1829 | | 33 | 33 | " "..... March 4, 1873 | |
| 21 | 21 | Lewis Cass..... Aug. 1, 1831 | | 34 | 34 | Alphonso Taft.... March 8, 1876 | |
| 22 | 22 | " "..... Mar. 4, 1833 | | 35 | 35 | James D. Cameron. May 22, 1876 | |
| 23 | 23 | Joel R. Poinsett... Mar. 7, 1837 | | | | Geo. W. McCrary... March 12, 1877 | |
| 24 | 24 | John Bell..... March 5, 1841 | | | | | |

SECRETARIES OF THE NAVY.

| | | | | | | |
|----|----|-----------------------------------|-----|----|-----------------------------------|--|
| 3 | 1 | Benjamin Stoddert. May 21, 1798 | 14a | 14 | George E. Badger... April 6, 1841 | |
| 4 | 2 | " "..... Mar. 4, 1801 | 15 | 15 | Abel P. Upshur... Sept. 13, 1841 | |
| 5 | 3 | Robert Smith.... July 15, 1801 | 16 | 16 | David Henshaw... July 24, 1843 | |
| 6 | 4 | J. Crowninshield... Mar. 3, 1805 | 17 | 17 | Thomas W. Gilmer... Feb. 15, 1844 | |
| 7 | 5 | Paul Hamilton.... Mar. 7, 1809 | 18 | 18 | John Y. Mason... March 14, 1844 | |
| 8 | 6 | William Jones.... Jan. 12, 1813 | 19 | 19 | George Bancroft... March 10, 1845 | |
| 9 | 7 | " "..... March 4, 1813 | 20 | 20 | John Y. Mason.... Sept. 9, 1846 | |
| 10 | 8 | B. W. Crowninshield Dec. 19, 1814 | 21 | 21 | William B. Preston March 8, 1849 | |
| 11 | 9 | " "..... March 4, 1817 | 22 | 22 | William A. Graham July 22, 1850 | |
| 12 | 10 | Smith Thompson... Nov. 9, 1818 | 23 | 23 | John P. Kennedy... July 22, 1852 | |
| 13 | 11 | " "..... Mar. 5, 1821 | 24 | 24 | James C. Dobbin... March 7, 1853 | |
| 14 | 12 | Samuel L. Southard Sept. 16, 1823 | 25 | 25 | Isaac Toucey.... March 6, 1857 | |
| 15 | 13 | " "..... March 4, 1825 | 26 | 26 | Gideon Welles... March 5, 1861 | |
| 16 | 14 | John Branch.... March 9, 1829 | 27 | 27 | " "..... March 4, 1865 | |
| 17 | 15 | Levi Woodbury... May 23, 1831 | 28 | 28 | " "..... April 15, 1865 | |
| 18 | 16 | " "..... March 4, 1833 | 29 | 29 | Adolph E. Borie... March 5, 1869 | |
| 19 | 17 | Mahlon Dickerson... June 30, 1834 | 30 | 30 | Geo. M. Robeson... June 25, 1869 | |
| 20 | 18 | " "..... March 4, 1837 | 31 | 31 | " "..... March 4, 1873 | |
| 21 | 19 | James K. Paulding. June 25, 1838 | 32 | 32 | Rich. W. Thompson March 12, 1877 | |
| 22 | 20 | George E. Badger... March 5, 1841 | | | | |

SECRETARIES OF THE INTERIOR.

| Term. | No. | NAME. | APPOINTED. | Term. | No. | NAME. | APPOINTED. |
|-------|-----|----------------------|----------------|-------|-----|--------------------|----------------|
| 16 | 1 | Thomas Ewing..... | Mar. 8, 1849 | | 7 | James Harlan..... | May 15, 1865 |
| 16a | 2 | Alex. H. H. Stuart.. | Sept. 12, 1850 | | 8 | O. H. Browning.... | July 27, 1866 |
| 17 | 3 | Robert McClelland.. | Mar. 7, 1853 | 21 | 9 | Jacob D. Cox..... | March 5, 1863 |
| 18 | 4 | Jacob Thompson.... | Mar. 6, 1857 | | 10 | Columbus Delano.. | Nov. 1, 1870 |
| 19 | 5 | Caleb B. Smith..... | Mar. 5, 1861 | 22 | | " | March 4, 1873 |
| 20 | 6 | John P. Usher..... | Jan. 8, 1863 | | 11 | Zachariah Chandler | Oct. 19, 1873 |
| 20a | " | " | Mar. 4, 1865 | 23 | 12 | Carl Schurz..... | March 12, 1877 |
| | " | " | April 15, 1865 | | | | |

POSTMASTERS-GENERAL.

| | | | | | | | |
|----|----|----------------------|----------------|-----|--------------------|----------------------|----------------|
| 1 | 1 | Samuel Osgood.... | Sept. 26, 1789 | 14a | Francis Granger... | April 6, 1841 | |
| | 2 | Timothy Pickering.. | Aug. 12, 1791 | | 11 | Chas. A. Wickliffe.. | Sept. 13, 1841 |
| 2 | | " | March 4, 1793 | 15 | 12 | Cave Johnson..... | Mar. 6, 1845 |
| | 3 | Joseph Habersham.. | Feb. 25, 1795 | 16 | 13 | Jacob Collamer.... | Mar. 8, 1849 |
| 3 | | " | March 4, 1797 | 16a | 14 | Nathan K. Hall.... | July 23, 1850 |
| 4 | | " | March 4, 1801 | | 15 | Sam'l D. Hubbard.. | Aug. 31, 1852 |
| | 4 | Gideon Granger.... | Nov. 28, 1801 | 17 | 16 | James Campbell.... | Mar. 5, 1853 |
| 5 | | " | March 4, 1805 | 18 | 17 | Aaron V. Brown.... | Mar. 6, 1857 |
| 6 | | " | March 4, 1809 | | 18 | Joseph Holt..... | Mar. 14, 1859 |
| 7 | 5 | Return J. Meigs, Jr. | March 17, 1814 | | 19 | Horatio King..... | Feb. 12, 1861 |
| 8 | | " | March 4, 1817 | 19 | 20 | Montgomery Blair.. | Mar. 5, 1861 |
| 9 | | " | March 5, 1821 | | 21 | William Dennison.. | Sept. 24, 1864 |
| | 6 | John McLean..... | June 26, 1823 | 20 | " | " | Mar. 4, 1865 |
| 10 | | " | March 4, 1825 | 20a | " | " | April 15, 1865 |
| 11 | 7 | William T. Barry.... | March 9, 1829 | | 22 | Alex. W. Randall... | July 25, 1866 |
| 12 | | " | March 4, 1833 | 21 | 23 | John A. J. Creswell | Mar. 5, 1869 |
| | 8 | Amos Kendall..... | May 1, 1835 | 22 | " | " | Mar. 4, 1873 |
| 13 | | " | March 4, 1837 | | 24 | Marshall Jewell.... | Aug. 24, 1874 |
| | 9 | John M. Niles..... | May 25, 1840 | 23 | 25 | James N. Tyner.... | July 12, 1876 |
| 14 | 10 | Francis Granger.... | March 6, 1841 | | 26 | David McK. Key.... | Mar. 12, 1877 |

ATTORNEYS-GENERAL.

| | | | | | | | |
|----|----|----------------------|----------------|-----|--------------------|------------------------------|----------------|
| 1 | 1 | Edmund Randolph.. | Sept. 26, 1789 | 14a | John J. Crittenden | April 6, 1841 | |
| 2 | " | " | March 4, 1793 | | 18 | Hugh S. Legare.... | Sept. 13, 1841 |
| | 2 | William Bradford.. | Jan. 27, 1794 | | 19 | John Nelson..... | July 1, 1843 |
| | 3 | Charles Lee..... | Dec. 10, 1795 | 15 | 20 | John Y. Mason.... | Mar. 6, 1845 |
| 3 | " | " | March 4, 1797 | | 21 | Nathan Clifford... | Oct. 17, 1846 |
| | 4 | Theophilus Parsons | Feb. 20, 1801 | | 22 | Isaac Toucey..... | June 21, 1848 |
| 4 | 5 | Levi Lincoln..... | March 5, 1801 | 16 | 23 | Beverly Johnson.... | Mar. 8, 1849 |
| 5 | 6 | Robert Smith..... | March 3, 1805 | 16a | 24 | John J. Crittenden | July 22, 1850 |
| | 7 | John Breckinridge.. | Aug. 7, 1805 | 17 | 24 | Caleb Cushing..... | Mar. 7, 1853 |
| | 8 | Cesar A. Rodney.... | Jan. 28, 1807 | 18 | 25 | Jeremiah S. Black.. | Mar. 6, 1857 |
| 6 | " | " | March 4, 1809 | | 26 | Edwin M. Stanton.. | Dec. 20, 1860 |
| | 9 | William Pinkney.... | Dec. 11, 1811 | 19 | 27 | Edward Bates..... | Mar. 5, 1861 |
| 7 | " | " | March 4, 1813 | | | T. J. Coffey, <i>ad int.</i> | June 22, 1863 |
| 10 | 10 | Richard Rush..... | Feb. 10, 1814 | | 28 | James Speed..... | Dec. 2, 1864 |
| 8 | " | " | March 4, 1817 | 20 | " | " | Mar. 4, 1865 |
| | 11 | William Wirt..... | Nov. 13, 1817 | 20a | " | " | April 15, 1865 |
| 9 | " | " | March 5, 1821 | | 29 | Henry Stanbery.... | July 23, 1866 |
| | | " | March 4, 1825 | | 30 | William M. Everts.. | July 15, 1868 |
| 11 | 12 | John M. Berrien.... | March 9, 1829 | 21 | 31 | E. Rockwood Hoar.. | Mar. 5, 1869 |
| | 13 | Roger B. Taney.... | July 20, 1831 | | 32 | Amos T. Akerman.. | June 23, 1870 |
| 12 | " | " | March 4, 1833 | | 33 | George H. Williams | Dec. 14, 1871 |
| | 14 | Benjamin F. Butler. | Nov. 15, 1833 | 22 | " | " | Mar. 4, 1873 |
| 13 | " | " | March 4, 1837 | | 34 | Edwards Pierrepont | April 26, 1875 |
| | 15 | Felix Grundy..... | July 5, 1838 | 23 | 35 | Alphonso Taft.... | May 22, 1876 |
| | 16 | Henry D. Gilpin.... | Jan. 11, 1840 | | 36 | Charles Devens.... | Mar. 12, 1877 |
| 14 | 17 | John J. Crittenden.. | March 5, 1841 | | | | |

SUPREME COURT OF THE UNITED STATES.

| CHIEF JUSTICES. | ASSOCIATE JUSTICES. | STATE WHENCE APPOINTED. | TERM OF SERVICE. | YEARS OF SERVICE. | BORN. | DIED. |
|-----------------------|---------------------------|-------------------------------|---------------------|----------------------|-------|-------|
| 1 John Jay†..... | * | * New York.. | 1789-1795 | 6 | 1745 | 1829 |
| | 1 John Rutledge†..... | S. Carolina.. | 1789-1791 | 2 | 1739 | 1800 |
| | 2 William Cushing..... | Mass..... | 1789-1810 | 21 | 1733 | 1810 |
| | 3 James Wilson..... | Penn..... | 1789-1798 | 9 | 1742 | 1798 |
| | 4 John Blair†..... | Virginia..... | 1789-1796 | 7 | 1732 | 1800 |
| | 5 Rob't H. Harrison†..... | Maryland.. | 1789-1790 | 1 | 1745 | 1790 |
| | 6 James Iredell..... | N. Carolina.. | 1790-1799 | 9 | 1751 | 1799 |
| | 7 Thomas Johnson†..... | 1 Maryland.. | 1791-1793 | 2 | 1732 | 1819 |
| | 8 William Patterson.. | 7 New Jersey. | 1793-1806 | 13 | 1745 | 1806 |
| 2 John Rutledge†..... | 9 Samuel Chase..... | S. Carolina.. | 1795-1795 | ... | 1739 | 1800 |
| 3 Oliver Ellsworth†.. | 10 Bush'r'd Washington | 4 Maryland.. | 1796-1811 | 15 | 1741 | 1811 |
| | 11 Alfred Moore†..... | Connecticut | 1796-1801 | 5 | 1745 | 1807 |
| 4 John Marshall..... | 12 William Johnson.. | 3 Virginia.... | 1798-1829 | 31 | 1762 | 1829 |
| | 13 Brockh't Livingston | 6 N. Carolina.. | 1799-1804 | 5 | 1755 | 1810 |
| | 14 Thomas Todd..... | Virginia..... | 1801-1835 | 34 | 1755 | 1835 |
| | 15 Joseph Story..... | 8 New York.... | 1806-1823 | 17 | 1757 | 1823 |
| | 16 Gabriel Duval†..... | § Kentucky... | 1807-1826 | 19 | 1765 | 1826 |
| | 17 Smith Thompson... | 2 Mass..... | 1811-1845 | 34 | 1779 | 1845 |
| | 18 Robert Trimble.... | 9 Maryland.. | 1811-1836 | 25 | 1752 | 1844 |
| | 19 John McLean..... | 13 New York.. | 1823-1845 | 22 | 1767 | 1845 |
| | 20 Henry Baldwin.... | 14 Kentucky.. | 1826-1828 | 2 | 1777 | 1828 |
| | 21 James M. Wayne§.. | 18 Ohio..... | 1829-1861 | 32 | 1785 | 1861 |
| 5 Roger B. Taney. ... | 22 Philip P. Barbour.. | 10 Penn..... | 1830-1846 | 16 | 1779 | 1846 |
| | 23 John Catron..... | 12 Georgia.... | 1835-1867 | 32 | 1790 | 1867 |
| | 24 John McKinley.... | § Maryland... | 1836-1864 | 28 | 1777 | 1864 |
| | 25 Peter V. Daniel.... | 16 Virginia.. | 1836-1841 | 5 | 1783 | 1841 |
| | 26 Samuel Nelson†.... | § Tennessee.. | 1837-1865 | 28 | 1778 | 1865 |
| | 27 Levi Woodbury.... | § Alabama.... | 1837-1852 | 15 | 1780 | 1852 |
| | 28 Robert C. Griest... | 22 Virginia... | 1841-1860 | 19 | 1785 | 1860 |
| | 29 Benj. R. Curtiss... | 17 New York.. | 1845-1872 | 27 | 1792 | 1873 |
| | 30 John A. Campbell†. | 15 New Hamp. | 1845-1851 | 6 | 1789 | 1851 |
| | 31 Nathan Clifford.... | 20 Penn..... | 1846-1869 | 23 | 1794 | 1870 |
| | 32 Noah H. Swayne.... | 27 Mass..... | 1851-1857 | 6 | 1809 | 1874 |
| | 33 Samuel F. Miller.... | 24 Alabama... | 1853-1861 | 8 | 1811 | ... |
| | 34 David Davist..... | 29 Maine..... | 1857-.... | ... | 1803 | ... |
| | 35 Stephen J. Field... | 19 Ohio..... | 1861-.... | ... | 1805 | ... |
| 6 Salmon P. Chase... | 36 William M. Strong.. | 25 Iowa..... | 1862-.... | ... | 1816 | ... |
| | 37 Joseph P. Bradley.. | 30 Illinois.... | 1862-1877 | 15 | 1815 | ... |
| | 38 Ward Hunt..... | § California.. | 1866-.... | ... | 1816 | ... |
| 7 Morrison R. Walte.. | 39 John M. Harlan.... | § Ohio..... | 1864-1873 | 9 | 1808 | 1873 |
| | | 28 Penn..... | 1870-.... | ... | 1808 | ... |
| | | § New Jersey | 1870-.... | ... | 1813 | ... |
| | | 26 New York.. | 1872-.... | ... | 1811 | ... |
| | | § Ohio..... | 1874-.... | ... | 1816 | ... |
| | | 34 Kentucky.. | 1877-.... | ... | 1833 | ... |

* The figures before the names of the Associate Justices indicate the order of their appointment. The numbers following refer to the same numbers in the first column, and show the vacancy filled by each appointment.

† Resigned.

‡ Presided one term of the court; appointment not confirmed by the Senate.

§ The Supreme Court, at its first session in 1790, consisted of a Chief Justice and five Associates. The number of Associate Justices was increased to six in 1807 by the appointment of Thomas Todd; increased to eight in 1837 by the appointments of John Catron and John McKinley; increased to nine in 1863 by the appointment of Stephen J. Field; decreased to eight on the death of John Catron in 1865; decreased to seven on the death of James M. Wayne in 1867; and again increased to eight in 1870.

SPEAKERS OF THE HOUSE OF REPRESENTATIVES.

| | NAME. | State. | Congress. | Term of Service. | Born | Died |
|----|---------------------|--------|------------|---------------------------------|------|------|
| 1 | F. A. Muhlenberg.. | Pa... | 1st Cong. | April 1, 1789, to Mar. 4, 1791. | 1750 | 1801 |
| 2 | Jonathan Trumbull | Conn. | 2d Cong. | Oct. 24, 1791, to Mar. 4, 1793. | 1740 | 1809 |
| | F. A. Muhlenberg.. | Pa... | 3d Cong. | Dec. 2, 1793, to Mar. 4, 1795. | .... | .... |
| 3 | Jonathan Dayton.. | N. J. | 4th Cong. | Dec. 7, 1795, to Mar. 4, 1797. | 1760 | 1824 |
| | " " " " | " | 5th Cong. | May 15, 1797, to Mar. 3, 1799. | .... | .... |
| 4 | Theodore Sedgwick | Mass. | 6th Cong. | Dec. 2, 1799, to Mar. 4, 1801. | 1746 | 1813 |
| 5 | Nathaniel Macon.. | N. C. | 7th Cong. | Dec. 7, 1801, to Mar. 4, 1803. | 1757 | 1837 |
| | " " " " | " | 8th Cong. | Oct. 17, 1803, to Mar. 4, 1805. | .... | .... |
| | " " " " | " | 9th Cong. | Dec. 2, 1805, to Mar. 4, 1807. | .... | .... |
| 6 | Joseph B. Varnum. | Mass. | 10th Cong. | Oct. 26, 1807, to Mar. 4, 1809. | 1750 | 1821 |
| | " " " " | " | 11th Cong. | May 22, 1809, to Mar. 4, 1811. | .... | .... |
| 7 | Henry Clay..... | Ky... | 12th Cong. | Nov. 4, 1811, to Mar. 4, 1813. | 1777 | 1852 |
| | " " " " | " | 13th Cong. | May 24, 1813, to Jan. 19, 1814. | .... | .... |
| 8 | Langdon Cheves. { | S. C. | 13th Cong. | Jan. 19, 1814, to Mar. 4, 1815. | 1776 | 1837 |
| | Henry Clay..... | Ky... | 14th Cong. | Dec. 4, 1815, to Mar. 4, 1817. | .... | .... |
| | " " " " | " | 15th Cong. | Dec. 1, 1817, to Mar. 4, 1819. | .... | .... |
| | " " " " | " | 16th Cong. | Dec. 6, 1819, to May 15, 1820. | .... | .... |
| 9 | John W. Taylor. { | N. Y. | 16th Cong. | Nov. 15, 1820, to Mar. 4, 1821. | 1784 | 1854 |
| | " " " " | Va. | 17th Cong. | Dec. 4, 1821, to Mar. 4, 1823. | 1783 | 1841 |
| 10 | Philip P. Barbour.. | Ky... | 18th Cong. | Dec. 1, 1823, to Mar. 4, 1825. | .... | .... |
| | Henry Clay..... | N. Y. | 19th Cong. | Dec. 5, 1825, to Mar. 4, 1827. | .... | .... |
| 11 | Andrew Stevenson. | Va... | 20th Cong. | Dec. 3, 1827, to Mar. 4, 1829. | 1734 | 1837 |
| | " " " " | " | 21st Cong. | Dec. 7, 1829, to Mar. 4, 1831. | .... | .... |
| | " " " " | " | 22d Cong. | Dec. 5, 1831, to Mar. 4, 1833. | .... | .... |
| | " " " " | " | 23d Cong. | Dec. 2, 1833, to June 2, 1834. | .... | .... |
| 12 | John Bell..... { | Ten | 23d Cong. | June 2, 1834, to Mar. 4, 1835. | 1797 | 1869 |
| | " " " " | Ses. | | | | |
| 13 | James K. Polk..... | " | 24th Cong. | Dec. 7, 1835, to Mar. 4, 1837. | 1795 | 1849 |
| | " " " " | " | 25th Cong. | Sept. 5, 1837, to Mar. 4, 1839. | .... | .... |
| 14 | Rob't M. T. Hunter. | Va... | 26th Cong. | Dec. 16, 1839, to Mar. 4, 1841. | 1809 | .... |
| 15 | John White..... | Ky... | 27th Cong. | May 31, 1841, to Mar. 4, 1843. | 1805 | 1845 |
| 16 | John W. Jones..... | Va... | 28th Cong. | Dec. 4, 1843, to Mar. 4, 1845. | 1805 | 1848 |
| 17 | John W. Davis..... | Ind.. | 29th Cong. | Dec. 1, 1845, to Mar. 4, 1847. | 1799 | 1850 |
| 18 | Robert C. Winthrop | Mass. | 30th Cong. | Dec. 6, 1847, to Mar. 4, 1849. | 1809 | .... |
| 19 | Howell Cobb..... | Ga... | 31st Cong. | Dec. 22, 1849, to Mar. 4, 1851. | 1815 | 1868 |
| 20 | Linn Boyd..... | Ky... | 32d Cong. | Dec. 1, 1851, to Mar. 4, 1853. | 1800 | 1859 |
| | " " " " | " | 33d Cong. | Dec. 5, 1853, to Mar. 4, 1855. | .... | .... |
| 21 | Nathaniel P. Banks | Mass. | 34th Cong. | Feb. 2, 1855, to Mar. 4, 1857. | 1816 | .... |
| 22 | James L. Orr..... | S. C. | 35th Cong. | Dec. 7, 1857, to Mar. 4, 1859. | 1822 | 1873 |
| 23 | Wm. Pennington.. | N. J. | 36th Cong. | Feb. 1, 1860, to Mar. 4, 1861. | 1796 | 1863 |
| 24 | Galusha A. Grow.. | Pa... | 37th Cong. | July 4, 1861, to Mar. 4, 1863. | 1823 | .... |
| 25 | Schnyler Colfax.... | Ind.. | 38th Cong. | Dec. 7, 1863, to Mar. 4, 1865. | 1823 | .... |
| | " " " " | " | 39th Cong. | Dec. 4, 1865, to Mar. 4, 1867. | .... | .... |
| | " " " " | " | 40th Cong. | Mar. 4, 1867, to Mar. 4, 1869. | .... | .... |
| 26 | James G. Blaine.... | Me. | 41st Cong. | Mar. 4, 1869, to Mar. 4, 1871. | 1830 | .... |
| | " " " " | " | 42d Cong. | Mar. 4, 1871, to Mar. 4, 1873. | .... | .... |
| | " " " " | " | 43d Cong. | Dec. 1, 1873, to Mar. 4, 1875. | .... | .... |
| 27 | Michael C. Kerr.... | Ind.. | 44th Cong. | Dec. 6, 1875, to Aug. 20, 1876. | 1827 | 1876 |
| 28 | Samuel J. Randall { | Pa. | 44th Cong. | Dec. 4, 1876, to Mar. 4, 1877. | 1828 | .... |
| | " " " " | Ses. | | | | |
| | " " " " | " | 45th Cong. | Oct. 15, 1877, to ——— | .... | .... |

NOTE.—Speakers elected *pro tempore* are not included in the above table. The figures prefixed indicate the number of Speakers, not the sequence of their official terms.

PRESIDENTS PRO TEMPORE OF THE SENATE.

| NAME. | STATE. | SERVICE. | | BORN. | DIED. |
|------------------------|----------------|--------------------------|-----------|-------|-------|
| | | Congress. | Time. | | |
| 1 John Langdon | New Hampshire | 1st and 2d | 1789-1792 | 1741 | 1819 |
| 2 Richard Henry Lee | Virginia | 2d | 1792-1792 | 1732 | 1794 |
| John Langdon | New Hampshire | 2d and 3d | 1792-1794 | | |
| 3 Ralph Izard | South Carolina | 3d | 1794-1795 | 1742 | 1804 |
| 4 Henry Tazewell | Virginia | 3d and 4th | 1795-1796 | 1753 | 1799 |
| 5 Samuel Livermore | New Hampshire | 4th | 1796-1797 | 1732 | 1803 |
| 6 William Bingham | Pennsylvania | 4th and 5th | 1797-1797 | 1751 | 1804 |
| 7 William Bradford | Rhode Island | 5th | 1797-1797 | 1729 | 1808 |
| 8 Jacob Read | South Carolina | 5th | 1797-1798 | 1752 | 1816 |
| 9 Theodore Sedgwick | Massachusetts | 5th | 1798-1798 | 1746 | 1813 |
| 10 John Lawrence | New York | 5th | 1798-1799 | 1750 | 1810 |
| 11 James Ross | Pennsylvania | 5th | 1799-1799 | 1762 | 1847 |
| Samuel Livermore | New Hampshire | 6th | 1799-1800 | | |
| 12 Uriah Tracy | Connecticut | 6th | 1800-1800 | 1755 | 1807 |
| 13 John E. Howard | Maryland | 6th | 1800-1801 | 1752 | 1827 |
| 14 James Hillhouse | Connecticut | 6th | 1801-1801 | 1754 | 1832 |
| 15 Abraham Baldwin | Georgia | 7th | 1801-1802 | 1754 | 1807 |
| 16 Stephen R. Bradley | Vermont | 7th | 1802-1803 | 1754 | 1830 |
| 17 John Brown | Kentucky | 8th | 1803-1804 | 1757 | 1837 |
| 18 Jesse Franklin | North Carolina | 8th | 1804-1805 | 1758 | 1823 |
| 19 Joseph Anderson | Tennessee | 8th | 1805-1805 | 1757 | 1837 |
| 20 Samuel Smith | Maryland | 9th and 10th | 1805-1808 | 1752 | 1839 |
| Stephen R. Bradley | Vermont | 10th | 1808-1809 | | |
| 21 John Milledge | Georgia | 10th and 11th | 1809-1809 | 1757 | 1818 |
| 22 Andrew Gregg | Pennsylvania | 11th | 1809-1810 | 1755 | 1835 |
| 23 John Gaillard | South Carolina | 11th | 1810-1811 | | 1826 |
| 24 John Pope | Kentucky | 11th and 12th | 1811-1812 | 1770 | 1845 |
| 25 Wm. H. Crawford | Georgia | 12th and 13th | 1812-1813 | 1772 | 1834 |
| 26 Joseph B. Varnum | Massachusetts | 13th | 1813-1814 | 1750 | 1821 |
| John Gaillard | South Carolina | 13th, 14th, and 15th | 1814-1819 | | |
| 27 James Barbour | Virginia | 15th and 16th | 1819-1820 | 1775 | 1842 |
| John Gaillard | South Carolina | 16th, 17th, 18th, & 19th | 1820-1826 | | |
| 28 Nathaniel Macon | North Carolina | 19th and 20th | 1825-1828 | 1757 | 1837 |
| Samuel Smith | Maryland | 20th and 21st | 1828-1831 | | |
| 29 L. W. Tazewell | Virginia | 22d | 1832-1832 | 1774 | 1860 |
| 30 Hugh L. White | Tennessee | 22d and 23d | 1832-1834 | 1773 | 1840 |
| 31 George Poindexter | Mississippi | 23d | 1834-1835 | 1779 | 1853 |
| 32 John Tyler | Virginia | 24th | 1835-1836 | 1790 | 1862 |
| 33 William R. King | Alabama | 24th, 25th, and 26th | 1836-1841 | 1786 | 1853 |
| 34 Samuel L. Southard | New Jersey | 27th | 1841-1842 | 1787 | 1842 |
| 35 Willie P. Mangum | North Carolina | 27th and 28th | 1842-1846 | 1792 | 1861 |
| 36 David R. Atchison | Missouri | 29th, 30th, and 31st | 1846-1850 | 1807 | |
| William R. King | Alabama | 31st and 32d | 1850-1852 | | |
| David R. Atchison | Missouri | 32d and 33d | 1852-1854 | | |
| 37 Jesse D. Bright | Indiana | 33d and 34th | 1854-1856 | 1812 | 1875 |
| 38 Charles E. Stuart | Michigan | 34th | 1856-1856 | | |
| 39 James M. Mason | Virginia | 34th and 35th | 1857-1857 | 1798 | 1871 |
| 40 Thomas J. Rusk | Texas | 35th | 1857-1857 | | |
| 41 Benj. Fitzpatrick | Alabama | 35th and 36th | 1857-1860 | 1802 | 1869 |
| Jesse D. Bright | Indiana | 36th | 1860-1860 | | |
| 42 Solomon Foot | Vermont | 36th, 37th, and 38th | 1861-1864 | 1802 | 1866 |
| 43 Daniel Clark | New Hampshire | 38th | 1864-1865 | 1809 | |
| 44 Lafayette S. Foster | Connecticut | 39th | 1865-1867 | 1806 | |
| 45 Benj. F. Wade | Ohio | 39th and 40th | 1867-1869 | 1800 | 1878 |
| 46 Henry B. Anthony | Rhode Island | 41st and 42d | 1869-1873 | 1815 | |
| 47 Matt. H. Carpenter | Wisconsin | 43d | 1873-1875 | 1824 | |
| Henry B. Anthony | Rhode Island | 43d | 1875-1875 | | |
| 48 Thomas W. Ferry | Michigan | 44th and 45th | 1875-1878 | 1827 | |

APPORTIONMENT OF REPRESENTATIVES IN CONGRESS, AND RATIO OF REPRESENTATION BY THE CONSTITUTION AND AT EACH CENSUS.

| STATES. | Admitted to the Union | REPRESENTATIVES TO WHICH EACH STATE WAS ENTITLED BY | | | | | | | | | |
|----------------------|-----------------------|---|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | Constitution, 1789. | 1st census from Mar. 4, 1793. | 2d census from Mar. 4, 1803. | 3d census from Mar. 4, 1813. | 4th census from Mar. 4, 1823. | 5th census from Mar. 4, 1833. | 6th census from Mar. 4, 1843. | 7th census from Mar. 4, 1853. | 8th census from Mar. 4, 1863. | 9th census from Mar. 4, 1873. |
| Ratio of Represent'n | | 30,000 | 33,000 | 33,000 | 35,000 | 40,000 | 47,700 | 70,680 | 93,423 | 127,331 | 131,423 |
| Alabama..... | 1819 | | | | | 8 | 5 | 7 | 7 | 6 | 8 |
| Arkansas..... | 1836 | | | | | | | 1 | 2 | 3 | 4 |
| California..... | 1850 | | | | | | | | 2 | 3 | 4 |
| Colorado..... | 1876 | | | | | | | | | | *1 |
| Connecticut..... | 1776 | 5 | 7 | 7 | 7 | 6 | 6 | 4 | 4 | 4 | 4 |
| Delaware..... | 1776 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Florida..... | 1845 | | | | | | | | 1 | 1 | 1 |
| Georgia..... | 1776 | 3 | 2 | 4 | 6 | 7 | 9 | 8 | 8 | 7 | 9 |
| Illinois..... | 1818 | | | | | 1 | 3 | 7 | 9 | 14 | 19 |
| Indiana..... | 1816 | | | | | 3 | 7 | 10 | 11 | 11 | 13 |
| Iowa..... | 1846 | | | | | | | | 2 | 6 | 9 |
| Kansas..... | 1861 | | | | | | | | | 1 | 3 |
| Kentucky..... | 1792 | | 2 | 6 | 10 | 12 | 13 | 10 | 10 | 9 | 10 |
| Louisiana..... | 1812 | | | | | 8 | 8 | 4 | 4 | 5 | 6 |
| Maine..... | 1820 | | | | | 7 | 8 | 7 | 6 | 5 | 5 |
| Maryland..... | 1776 | 6 | 8 | 9 | 9 | 9 | 8 | 6 | 6 | 5 | 6 |
| Massachusetts..... | 1776 | 8 | 14 | 17 | 20 | 13 | 12 | 10 | 11 | 10 | 11 |
| Michigan..... | 1837 | | | | | | | 3 | 4 | 6 | 9 |
| Minnesota..... | 1858 | | | | | | | | 2 | 2 | 3 |
| Mississippi..... | 1817 | | | | | 1 | 2 | 4 | 5 | 5 | 6 |
| Missouri..... | 1821 | | | | | 1 | 2 | 5 | 7 | 9 | 13 |
| Nebraska..... | 1867 | | | | | | | | | *1 | 1 |
| Nevada..... | 1864 | | | | | | | | | *1 | 1 |
| New Hampshire..... | 1776 | 3 | 4 | 5 | 6 | 6 | 5 | 4 | 3 | 3 | 3 |
| New Jersey..... | 1776 | 4 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 7 |
| New York..... | 1776 | 6 | 10 | 17 | 27 | 34 | 40 | 34 | 33 | 31 | 33 |
| North Carolina..... | 1776 | 5 | 10 | 12 | 13 | 13 | 13 | 9 | 8 | 7 | 8 |
| Ohio..... | 1802 | | | | 6 | 14 | 19 | 21 | 21 | 19 | 20 |
| Oregon..... | 1859 | | | | | | | | 1 | 1 | 1 |
| Pennsylvania..... | 1776 | 8 | 13 | 18 | 23 | 26 | 28 | 24 | 25 | 24 | 27 |
| Rhode Island..... | 1776 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| South Carolina..... | 1776 | 5 | 6 | 8 | 9 | 9 | 9 | 7 | 6 | 4 | 5 |
| Tennessee..... | 1796 | | | 3 | 6 | 9 | 13 | 11 | 10 | 8 | 10 |
| Texas..... | 1845 | | | | | | | | 2 | 4 | 6 |
| Vermont..... | 1791 | | 2 | 4 | 6 | 5 | 5 | 4 | 3 | 3 | 3 |
| Virginia..... | 1776 | 10 | 19 | 23 | 23 | 22 | 21 | 15 | 13 | 11 | 9 |
| West Virginia..... | 1863 | | | | | | | | | | 3 |
| Wisconsin..... | 1848 | | | | | | | | 3 | 6 | 8 |
| Whole number.... | | 63 | 103 | 141 | 181 | 213 | 240 | 223 | 221 | 213 | 293 |

* These States admitted subsequently to the apportionment.]

CIVIL OFFICERS OF THE UNITED STATES.

THE following table is made up from the official statements of the heads of the various Departments of the Government, sent to Congress in August, 1876, in response to a Senate resolution, showing the number of civil officers employed by each Department from 1859 to 1875.

| | 1859. | 1875. |
|-------------------------------|--------|--------|
| 1 Department of State..... | 377 | 430 |
| 2 Treasury Department..... | 3,778 | 12,463 |
| 3 War Department..... | 339 | 1,489 |
| 4 Navy Department..... | 90 | 131 |
| 5 Post-Office Department..... | 30,317 | 44,897 |
| 6 Interior Department..... | 1,061 | 2,475 |
| 7 Department of Justice..... | 5 | 523 |
| | 36,397 | 62,427 |

NOTE.—It is to be understood that the above includes all officers and employees of the government at Washington and throughout the country, except those in the military and naval service.

LENGTH OF SESSIONS OF CONGRESS, 1789-1879.

| No. of Congress. | No. of Session. | Time of Session. | No. of Congress. | No. of Session. | Time of Session. |
|------------------|-----------------|-------------------------|------------------|-----------------|-------------------------|
| 1st | 1st.. March | 4, 1789—Sept. 29, 1789 | 25th | 1st.. Sept. | 4, 1837—Oct. 16, 1837 |
| | 2d.. Jan. | 4, 1790—Aug. 12, 1790 | | 2d.. Dec. | 4, 1837—July 9, 1838 |
| | 3d.. Dec. | 6, 1790—Mar. 8, 1791 | | 3d.. Dec. | 3, 1838—March 3, 1839 |
| 2d | 1st.. Oct. | 24, 1791—May 8, 1792 | 26th | 1st.. Dec. | 2, 1839—July 21, 1840 |
| | 2d.. Nov. | 5, 1792—Mar. 2, 1793 | | 2d.. Dec. | 7, 1840—March 3, 1841 |
| 3d | 1st.. Dec. | 2, 1793—June 9, 1794 | 27th | 1st.. May | 31, 1841—Sept. 13, 1841 |
| | 2d.. Nov. | 3, 1794—March 3, 1795 | | 2d.. Dec. | 6, 1841—Aug. 31, 1842 |
| 4th | 1st.. Dec. | 7, 1795—June 1, 1796 | | 3d.. Dec. | 5, 1842—March 3, 1843 |
| | 2d.. Dec. | 5, 1796—March 3, 1797 | 28th | 1st.. Dec. | 4, 1843—June 17, 1844 |
| 5th | 1st.. May | 15, 1797—July 10, 1797 | | 2d.. Dec. | 2, 1844—March 3, 1845 |
| | 2d.. Nov. | 13, 1797—July 16, 1798 | 29th | 1st.. Dec. | 1, 1845—Aug. 10, 1846 |
| | 3d.. Dec. | 3, 1798—March 3, 1799 | | 2d.. Dec. | 7, 1846—March 3, 1847 |
| 6th | 1st.. Dec. | 2, 1799—May 14, 1800 | 30th | 1st.. Dec. | 6, 1847—Aug. 14, 1848 |
| | 2d.. Nov. | 17, 1800—March 3, 1801 | | 2d.. Dec. | 4, 1848—March 3, 1849 |
| 7th | 1st.. Dec. | 7, 1801—May 3, 1802 | 31st | 1st.. Dec. | 3, 1849—Sept. 30, 1850 |
| | 2d.. Dec. | 6, 1802—March 3, 1803 | | 2d.. Dec. | 2, 1850—March 3, 1851 |
| 8th | 1st.. Oct. | 17, 1803—Mar. 27, 1804 | 32d | 1st.. Dec. | 1, 1851—Aug. 31, 1852 |
| | 2d.. Nov. | 5, 1804—March 3, 1805 | | 2d.. Dec. | 6, 1852—March 3, 1853 |
| 9th | 1st.. Dec. | 2, 1805—April 21, 1806 | 33d | 1st.. Dec. | 5, 1853—Aug. 7, 1854 |
| | 2d.. Dec. | 1, 1806—March 3, 1807 | | 2d.. Dec. | 4, 1854—March 3, 1855 |
| 10th | 1st.. Oct. | 26, 1807—April 25, 1808 | 34th | 1st.. Dec. | 3, 1855—Aug. 18, 1856 |
| | 2d.. Nov. | 7, 1808—March 3, 1809 | | 2d.. Aug. | 21, 1856—Aug. 30, 1856 |
| 11th | 1st.. May | 22, 1809—June 28, 1809 | | 3d.. Dec. | 1, 1856—March 3, 1857 |
| | 2d.. Nov. | 27, 1809—May 1, 1810 | 35th | 1st.. Dec. | 7, 1857—June 14, 1858 |
| | 3d.. Dec. | 3, 1810—March 3, 1811 | | 2d.. Dec. | 6, 1858—March 3, 1859 |
| 12th | 1st.. Nov. | 4, 1811—July 6, 1812 | 36th | 1st.. Dec. | 5, 1859—June 25, 1860 |
| | 2d.. Nov. | 2, 1812—March 3, 1813 | | 2d.. Dec. | 3, 1860—March 4, 1861 |
| 13th | 1st.. May | 24, 1813—Aug. 2, 1813 | 37th | 1st.. July | 4, 1861—Aug. 6, 1861 |
| | 2d.. Dec. | 6, 1813—April 18, 1814 | | 2d.. Dec. | 2, 1861—July 17, 1862 |
| | 3d.. Sept. | 19, 1814—March 3, 1815 | | 3d.. Dec. | 1, 1862—March 4, 1863 |
| 14th | 1st.. Dec. | 4, 1815—April 30, 1816 | 38th | 1st.. Dec. | 7, 1863—July 4, 1864 |
| | 2d.. Dec. | 2, 1816—March 3, 1817 | | 2d.. Dec. | 5, 1864—March 4, 1865 |
| 15th | 1st.. Dec. | 1, 1817—April 30, 1818 | 39th | 1st.. Dec. | 4, 1865—July 28, 1866 |
| | 2d.. Nov. | 16, 1818—March 3, 1819 | | 2d.. Dec. | 3, 1866—March 4, 1867 |
| 16th | 1st.. Dec. | 6, 1819—May 15, 1820 | 40th | 1st.. March | 4, 1867—Mar. 30, 1867 |
| | 2d.. Nov. | 13, 1820—March 3, 1821 | | ".. July | 3, 1867—July 20, 1867 |
| 17th | 1st.. Dec. | 3, 1821—May 8, 1822 | | ".. Nov. | 21, 1867—Dec. 2, 1867 |
| | 2d.. Dec. | 2, 1822—March 3, 1823 | | 2d.. Dec. | 2, 1867—July 27, 1868 |
| 18th | 1st.. Dec. | 1, 1823—May 27, 1824 | | 3d.. Dec. | 7, 1868—March 4, 1869 |
| | 2d.. Dec. | 6, 1824—March 3, 1825 | 41st | 1st.. March | 4, 1869—April 23, 1869 |
| 19th | 1st.. Dec. | 5, 1825—May 22, 1826 | | 2d.. Dec. | 6, 1869—July 15, 1870 |
| | 2d.. Dec. | 4, 1826—March 3, 1827 | | 3d.. Dec. | 5, 1870—March 4, 1871 |
| 20th | 1st.. Dec. | 3, 1827—May 26, 1828 | 42d | 1st.. March | 4, 1871—April 30, 1871 |
| | 2d.. Dec. | 1, 1828—March 3, 1829 | | 2d.. Dec. | 4, 1871—June 10, 1872 |
| 21st | 1st.. Dec. | 7, 1829—May 31, 1830 | | 3d.. Dec. | 2, 1872—March 4, 1873 |
| | 2d.. Dec. | 6, 1830—March 3, 1831 | 43d | 1st.. Dec. | 1, 1873—June 28, 1874 |
| 22d | 1st.. Dec. | 5, 1831—July 16, 1832 | | 2d.. Dec. | 7, 1874—March 4, 1875 |
| | 2d.. Dec. | 3, 1832—March 3, 1833 | 44th | 1st.. Dec. | 6, 1875—Aug. 15, 1876 |
| 23d | 1st.. Dec. | 2, 1833—June 30, 1834 | | 2d.. Dec. | 4, 1876—March 4, 1877 |
| | 2d.. Dec. | 1, 1834—March 3, 1835 | 45th | 1st.. Oct. | 15, 1877—Dec. 3, 1877 |
| 24th | 1st.. Dec. | 7, 1835—July 4, 1836 | | 2d.. Dec. | 3, 1877—June 20, 1878 |
| | 2d.. Dec. | 5, 1836—March 3, 1837 | | 3d.. Dec. | 2, 1878—March 4, 1879 |

NOTE.—To determine the years covered by a given Congress, double the number of the Congress, and add the product to 1789; the result will be the year in which the Congress closed. Thus, the 35th Congress = $70 + 1789 = 1859$, that being the year which terminated the 35th Congress, on the 4th of March. To find the number of a Congress sitting in any given year, subtract 1789 from the year; if the result is an even number, half that number will give the Congress, of which the year in question will be the closing year. If the result is an odd number, add one to it, and half the result will give the Congress, of which the year in question will be the first year.

THE CONGRESS OF THE UNITED STATES.

ALPHABETICAL LIST OF SENATORS.

Vice-President (President of the Senate), WILLIAM A. WHEELER, Malone, N. Y., \$8,000.

Allison, William B., Dubuque, Iowa.
 Anthony, Henry B., Providence, R. I.
 Bailey, James E., Clarksville, Tenn.
 Barnum, William H., Lime Rock, Conn.
 Bayard, Thomas F., Wilmington, Del.
 Beck, James B., Lexington, Ky.
 Blaine, James G., Augusta, Maine.
 Booth, Newton, Sacramento, Cal.
 Bruce, Blanche K., Floreysville, Miss.
 Burnside, Ambrose E., Providence, R. I.
 Butler, Manning C., Edgefield C. H., S. C.
 Cameron, Angus, La Crosse, Wis.
 Cameron, J. D., Harrisburg, Pa.
 Chaffee, Jerome B., Denver, Col.
 Christianity, Isaac P., Lansing, Mich.
 Cockrell, Francis M., Warrensburg, Mo.
 Coke, Richard, Waco, Texas.
 Conkling, Roscoe, Utica, N. Y.
 Conover, Simon B., Tallahassee, Fla.
 Davis, David, Bloomington, Ill.
 Davis, Henry G., Piedmont, West Va.
 Dawes, Henry L., Pittsfield, Mass.
 Dennis, George R., Kingston, Md.
 Dorsey, Stephen W., Helena, Ark.
 Eaton, William W., Hartford, Conn.
 Edmunds, George F., Burlington, Vt.
 Eustis, James B., New Orleans, La.
 Ferry, T. W., Grand Haven, Mich.
 Garland, A. H., Little Rock, Ark.
 Gordon, John B., Atlanta, Ga.
 Grover, L. F., Salem, Oregon.
 Hamlin, Hannibal, Bangor, Maine.
 Harris, Isham G., Memphis, Tenn.
 Hereford, Frank, Union, West Va.
 Hill, Benjamin H., Atlanta, Ga.
 Hoar, George F., Worcester, Mass.
 Howe, Timothy O., Green Bay, Wis.

Ingalls, John J., Atchison, Kan.
 Johnston, John W., Abingdon, Va.
 Jones, Charles W., Pensacola, Fla.
 Jones, John P., Gold Hill, Nev.
 Kellogg, Wm. P., New Orleans, La.
 Kernan, Francis, Utica, N. Y.
 Kirkwood, S. J., Iowa City, Iowa.
 Lamar, L. Q. C., Oxford, Miss.
 Matthews, Stanley, Glendale, Ohio.
 Maxey, Samuel B., Paris, Texas.
 McCreery, Thos. C., Owensborough, Ky.
 McDonald, Joseph E., Indianapolis, Ind.
 McMillan, Samuel J. R., St. Paul, Minn.
 McPherson, J. R., Jersey City, N. J.
 Merrimon, A. S., Raleigh, N. C.
 Mitchell, John H., Portland, Oregon.
 Morgan, John T., Selma, Ala.
 Morrill, Justin S., Strafford, Vt.
 Oglesby, Richard J., Decatur, Ill.
 Paddock, Algernon S., Beatrice, Neb.
 Patterson, John J., Charleston, S. C.
 Plumb, P. B., Emporia, Kansas.
 Randolph, Theo. F., Morristown, N. J.
 Ransom, Matt W., Weldon, N. C.
 Rollins, E. H., Concord, N. H.
 Sargent, Aaron A., San Francisco, Cal.
 Saulsbury, Eli, Dover, Del.
 Saunders, A., Omaha, Neb.
 Sharon, William, Virginia City, Nev.
 Shields, James, Carrollton, Mo.
 Spencer, George E., Decatur, Ala.
 Teller, Henry M., Central City, Col.
 Thurman, Allen G., Columbus, O.
 Wadleigh, Bainbridge, Milford, N. H.
 Wallace, William A., Clearfield, Pa.
 Whyte, William Pinkney, Baltimore, Md.
 Windom, William, Winona, Minn.
 Withers, Robert E., Wytheville, Va.

PRINCIPAL OFFICERS OF THE SENATE.

President of the Senate.—WILLIAM A. WHEELER, Vice-President of the U. S.
President pro tempore,.....
Chaplain.—Rev. Byron Sunderland, D. D.
Secretary of the Senate.—George C. Gorham.
Chief Clerk.—William E. Spencer.
Principal Executive Clerk.—James R. Young.
Principal Legislative Clerk.—James W. Nightingale.
Sergeant-at-Arms.—John R. French.
Postmaster.—W. E. Creary.
Superintendent of Folding-Room.—L. D. Merchant.
Superintendent of Document-Room.—Amzi Smith.

Official Reporters of Debates.

D. F. Murphy.

Assistants.—Theo. F. Shuey. E. V. Murphy. Henry J. Gensler. R. S. Boswell.

45TH CONGRESS.—March 4, 1877, to March 4, 1879.

SENATE.—List of Members by States, with their Terms of Office.

Senators are elected for six years, one-third of the Senate retiring on the 4th of March each alternate year.

Salary of Senators, \$5,000 *per annum*.

Mileage, 20 cents per mile of travel each way, at each annual session.

Allowance for stationery and newspapers, \$125 *per annum*.

| ALABAMA. | | INDIANA. | |
|--------------------------------|---------------|----------------------------------|---------------|
| Term Expires. | Residence. | Term Expires. | Residence. |
| 1879 George E. Spencer, R.... | Decatur. | 1879 Dan. W. Voorhees, D.... | Terre Haute. |
| 1883 John T. Morgan, D..... | Selma. | 1881 Jos. E. McDonald, D.... | Indianapolis. |
| ARKANSAS. | | IOWA. | |
| 1879 Stephen W. Dorsey, R.... | Helena. | 1879 William B. Allison, R.... | Dubuque. |
| 1883 Aug. H. Garland, D.... | Little Rock. | 1883 Samuel J. Kirkwood, R.... | Iowa City. |
| CALIFORNIA. | | KANSAS. | |
| 1879 Aaron A. Sargent, R.... | Nevada City. | 1879 John J. Ingalls, R..... | Atchison. |
| 1881 Newton Booth, R.... | Sacramento. | 1883 Preston B. Plumb, R.... | Emporia. |
| COLORADO. | | KENTUCKY. | |
| 1879 Jerome B. Chaffee, R..... | Denver. | 1879 Thos. C. McCreery, D.... | Owensboro'. |
| 1883 Henry M. Teller, R.... | Central City. | 1883 James B. Beck, D..... | Lexington. |
| CONNECTICUT. | | LOUISIANA. | |
| 1879 William H. Barnum, D.... | Lime Rock. | 1879 James B. Eustis, D.... | New Orleans. |
| 1881 William W. Eaton, D.... | Hartford. | 1883 Wm. P. Kellogg, R.... | New Orleans. |
| DELAWARE. | | MAINE. | |
| 1881 Thos. F. Bayard, D.... | Wilmington. | 1881 Hannibal Hamlin, R..... | Bangor. |
| 1883 Eli Saulsbury, D..... | Kenton. | 1883 James G. Blaine, R..... | Augusta. |
| FLORIDA. | | MARYLAND. | |
| 1879 Simon B. Conover, R.... | Tallahassee. | 1879 George R. Dennis, D.... | Kingston. |
| 1881 Charles W. Jones, D.... | Pensacola. | 1881 Wm. Pinkney Whyte, D.... | Baltimore. |
| GEORGIA. | | MASSACHUSETTS. | |
| 1879 John B. Gordon, D..... | Atlanta. | 1881 Henry L. Dawes, R..... | Pittsfield. |
| 1883 Benj. H. Hill, D..... | Atlanta. | 1883 George F. Hoar, R.... | Worcester. |
| ILLINOIS. | | MICHIGAN. | |
| 1879 Richard J. Oglesby, R.... | Decatur. | 1881 Isaac P. Christiancy, R.... | Lansing. |
| 1883 David Davis, Ind.... | Bloomington. | 1883 Thos. W. Ferry, R.... | Grand Haven. |

SENATE.—LIST OF MEMBERS BY STATES—(Continued).

MINNESOTA.

| Term Expires. | Residence. |
|------------------------------|------------|
| 1881 Sam. J. R. McMillan, R. | St. Paul. |
| 1883 William Windom, R. | Winona. |

MISSISSIPPI.

| | |
|-----------------------------|--------------|
| 1881 Blanche K. Bruce, R. | Floreyville. |
| 1883 Lucius Q. C. Lamar, D. | Oxford. |

MISSOURI.

| | |
|------------------------------|-------------|
| 1879 James Shields, D. | Carrollton. |
| 1881 Francis M. Cockrell, D. | Warrens'g. |

NEBRASKA.

| | |
|------------------------------|-----------|
| 1881 Algernon S. Paddock, R. | Beatrice. |
| 1883 Alvin Saunders, R. | Omaha. |

NEVADA.

| | |
|-------------------------|----------------|
| 1879 John P. Jones, R. | Gold Hill. |
| 1881 William Sharon, R. | Virginia City. |

NEW HAMPSHIRE.

| | |
|------------------------------|----------|
| 1879 Bainbridge Wadleigh, R. | Milford. |
| 1883 Edward H. Rollins, R. | Concord. |

NEW JERSEY.

| | |
|----------------------------|--------------|
| 1881 Theo. F. Randolph, D. | Morristown. |
| 1883 John R. McPherson, D. | Jersey City. |

NEW YORK.

| | |
|--------------------------|--------|
| 1879 Roscoe Conkling, R. | Utica. |
| 1881 Francis Kernan, D. | Utica. |

NORTH CAROLINA.

| | |
|---------------------------|----------|
| 1879 Aug. S. Merrimon, D. | Raleigh. |
| 1883 Matt. W. Ransom, D. | Weldon. |

OHIO.

| | |
|---------------------------|-----------|
| 1879 Stanley Matthews, R. | Glendale. |
| 1881 Allen G. Thurman, D. | Columbus. |

OREGON.

| Term Expires. | Residence. |
|---------------------------|------------|
| 1879 John H. Mitchell, R. | Portland. |
| 1883 Lafayette Grover, D. | Salem. |

PENNSYLVANIA.

| | |
|------------------------------|-------------|
| 1879 Jas. Donald Cameron, R. | Harris'g. |
| 1881 William A. Wallace, D. | Clearfield. |

RHODE ISLAND.

| | |
|------------------------------|-------------|
| 1881 Ambrose E. Burnside, R. | Provid'e. |
| 1883 Henry B. Anthony, R. | Providence. |

SOUTH CAROLINA.

| | |
|----------------------------|----------------|
| 1879 John J. Patterson, R. | Charleston. |
| 1883 Manning C. Butler, D. | Edgefield C.H. |

TENNESSEE.

| | |
|--------------------------|--------------|
| 1881 James E. Bailey, D. | Clarksville. |
| 1883 Isham G. Harris, D. | Memphis. |

TEXAS.

| | |
|--------------------------|--------|
| 1881 Samuel B. Maxey, D. | Paris. |
| 1883 Richard Coke, D. | Waco. |

VERMONT.

| | |
|----------------------------|-------------|
| 1879 Justin S. Morrill, R. | Stratford. |
| 1881 George F. Edmunds, R. | Burlington. |

VIRGINIA.

| | |
|----------------------------|-------------|
| 1881 Robert E. Withers, D. | Wytheville. |
| 1883 John W. Johnston, D. | Abingdon. |

WEST VIRGINIA.

| | |
|-------------------------|-----------|
| 1881 Frank Hereford, D. | Union. |
| 1883 Henry G. Davis, D. | Piedmont. |

WISCONSIN.

| | |
|--------------------------|------------|
| 1879 Timothy O. Howe, R. | Green Bay. |
| 1881 Angus Cameron, R. | La Crosse. |

| | |
|-------------|----|
| Republicans | 39 |
| Democrats | 36 |
| Independent | 1 |
| Total | 76 |

45TH CONGRESS.—March 4, 1877, to March 4, 1879.

ALPHABETICAL LIST OF REPRESENTATIVES.

Salary of Representatives, \$5,000 per annum.

Mileage, 20 cents per mile of travel, each session, to and from Washington.

Allowance for Stationery and Newspapers, \$125 per annum.

SAMUEL J. RANDALL, *Speaker*, Philadelphia, Pa., Salary \$8,000.

Acklen, Joseph H., Pattersonville, La.
 Aiken, D. Wyatt, Cokesbury, S. C.
 Aldrich, William, Chicago, Ill.
 Atkins, John D. C., Paris, Tenn.
 Bacon, William J., Utica, N. Y.
 Bagley, George A., Watertown, N. Y.
 Bailey, John M., Albany, N. Y.
 Baker, John H., Goshen, Ind.
 Baker, William H., Constantia, N. Y.
 Ballou, Latimer W., Woonsocket, R. I.
 Banks, Nathaniel P., Waltham, Mass.
 Banning, Henry B., Cincinnati, O.
 Bayne, Thomas M., Pittsburgh, Pa.
 Beale, R. L. T., Hagne, Va.
 Beebe, George M., Monticello, N. Y.
 Bell, Hiram P., Cumming, Ga.
 Benedict, Charles B., Attica, N. Y.
 Bicknell, George A., New Albany, Ind.
 Bisbee, Horatio, Jr., Jacksonville, Fla.
 Blackburn, Joseph C. S., Versailles, Ky.
 Blair, Henry W., Plymouth, N. H.
 Bland, Richard P., Lebanon, Mo.
 Bliss, Archibald M., Brooklyn, N. Y.
 Blount, James H., Macon, Ga.
 Boone, Andrew R., Mayfield, Ky.
 Bouck, Gabriel, Oshkosh, Wis.
 Boyd, Thomas A., Lewiston, Ill.
 Bragg, Edward S., Fond du Lac, Wis.
 Brentano, Lorenzo, Chicago, Ill.
 Brewer, Mark S., Pontiac, Mich.
 Bridges, Samuel A., Allentown, Pa.
 Briggs, James F., Manchester, N. H.
 Bright, John M., Fayetteville, Tenn.
 Brogden, Curtis H., Goldsboro', N. C.
 Browne, Thomas M., Winchester, Ind.
 Buckner, Aylett H., Mexico, Mo.
 Bundy, Solomon, Oxford, N. Y.
 Burchard, Horatio C., Freeport, Ill.
 Burdick, Theodore W., Decorah, Iowa.
 Butler, Benjamin F., Lowell, Mass.
 Cabell, George C., Danville, Va.
 Cain, Richard H., Charleston, S. C.
 Caldwell, John W., Russellville, Ky.
 Caldwell, William P., Gardner, Tenn.
 Calkins, William H., La Porte, Ind.
 Camp, John H., Lyons, N. Y.
 Campbell, Jacob M., Johnstown, Pa.
 Candler, Milton A., Atlanta, Ga.
 Cannon, Joseph G., Tuscola, Ill.
 Carlisle, John G., Covington, Ky.
 Caswell, Lucien B., Fort Atkinson, Wis.
 Chalmers, J. R., Friar's Point, Miss.
 Chittenden, Simeon B., Brooklyn, N. Y.
 Clafin, William, Newton, Mass.
 Clark, Alvah A., Somerville, N. J.
 Clark, John B., Jr., Fayette, Mo.
 Clark, Rush, Iowa City, Iowa.

Clarke, John B., Brooksville, Ky.
 Clymer, Hester, Reading, Pa.
 Cobb, Thomas R., Vincennes, Ind.
 Cole, Nathan, St. Louis, Mo.
 Collins, Francis D., Scranton, Pa.
 Conger, Omar D., Port Huron, Mich.
 Cook, Philip, Americus, Ga.
 Covert, James W., Flushing, N. Y.
 Cox, Jacob D., Toledo, O.
 Cox, Samuel S., New York, N. Y.
 Crapo, William W., New Bedford, Mass.
 Cravens, Jordan E., Clarksville, Ark.
 Crittenden, Thos. T., Warrensburg, Mo.
 Culberson, David B., Jefferson, Tex.
 Cummings, Henry J. B., Winterset, Iowa.
 Cutler, Augustus W., Morristown, N. J.
 Danford, Lorenzo, St. Clairsville, O.
 Davidson, Robert H. M., Quincy, Fla.
 Davis, Horace, San Francisco, Cal.
 Davis, Joseph J., Louisburg, N. C.
 Dean, Benjamin, Boston, Mass.
 Deering, Nathaniel C., Osage, Iowa.
 Denison, Dudley C., Royalton, Vt.
 Dibrell, George G., Sparta, Tenn.
 Dickey, H. L., Greenfield, O.
 Dunnell, Mark H., Owatonna, Minn.
 Durham, Milton J., Danville, Ky.
 Dwight, Jeremiah W., Dryden, N. Y.
 Eames, Benjamin T., Providence, R. I.
 Eden, John R., Sullivan, Ill.
 Eickhoff, Anthony, New York, N. Y.
 Elam, Joseph B., Mansfield, La.
 Ellis, E. John, New Orleans, La.
 Ellsworth, Charles C., Greenville, Mich.
 Errett, Russell, Pittsburg, Pa.
 Evans, I. Newton, Hatboro, Pa.
 Evans, James L., Noblesville, Ind.
 Evins, John H., Spartanburg, S. C.
 Ewing, Thomas, Lancaster, O.
 Felton, William H., Cartersville, Ga.
 Finley, Ebenezer B., Bucyrus, O.
 Forney, William H., Jacksonville, Ala.
 Fort, Greenbury L., Lacon, Ill.
 Foster, Charles, Fostoria, O.
 Franklin, Benjamin J., Kansas City, Mo.
 Freeman, Chapman, Philadelphia, Pa.
 Frye, William P., Lewiston, Me.
 Fuller, Benoni S., Boonville, Ind.
 Gardner, Mills, Washington C. H., O.
 Garfield, James A., Mentor, O.
 Garth, William W., Huntsville, Ala.
 Gause, Lucien C., Jacksonport, Ark.
 Gibson, Randall L., New Orleans, La.
 Giddings, D. C., Brenham, Tex.
 Glover, John M., La Grange, Mo.
 Goode, John, Norfolk, Va.

Gunter, Thomas M., Fayetteville, Ark.
 Hale, Eugene, Ellsworth, Maine.
 Hamilton, Andrew H., Fort Wayne, Ind.
 Hanna, John, Indianapolis, Ind.
 Hardenbergh, Aug. A., Jersey City, N. J.
 Harmer, Alfred C., Germantown, Pa.
 Harris, Benj. W., E. Bridgewater, Mass.
 Harris, Henry R., Greenville, Ga.
 Harris, John T., Harrisonburg, Va.
 Harrison, Carter H., Chicago, Ill.
 Hart, E. Kirke, Albion, N. Y.
 Hartzell, William, Chester, Ill.
 Haskell, Dudley C., Lawrence, Kan.
 Hatcher, Robert A., New Madrid, Mo.
 Hayes, Philip C., Morris, Ill.
 Hazelton, George C., Boscobel, Wis.
 Hendee, George W., Morrisville, Vt.
 Henderson, Thomas J., Princeton, Ill.
 Henkle, Eli J., Brooklyn, Md.
 Henry, Daniel M., Cambridge, Md.
 Herbert, Hilary A., Montgomery, Ala.
 Hewitt, Abram S., New York, N. Y.
 Hewitt, Goldsmith W., Birmingham, Ala.
 Hiscock, Frank, Syracuse, N. Y.
 Hooker, Charles E., Jackson, Miss.
 House, John F., Clarksville, Tenn.
 Hubbell, Jay A., Houghton, Mich.
 Humphrey, H. L., Hudson, Wis.
 Hungerford, John N., Corning, N. Y.
 Hunter, Morton C., Bloomington, Ind.
 Hunton, Eppa, Warrenton, Va.
 Ittner, Anthony, St. Louis, Mo.
 James, Amaziah B., Ogdensburg, N. Y.
 Jones, Frank, Portsmouth, N. H.
 Jones, James Taylor, Demopolis, Ala.
 Jones, John S., Delaware, O.
 Jorgensen, Joseph, Petersburg, Va.
 Joyce, Charles H., Rutland, Vt.
 Keifer, J. Warren, Springfield, O.
 Keightley, Ed'n W., Constantine, Mich.
 Kelley, William D., Philadelphia, Pa.
 Kenna, John E., Kanawha C. H., W. Va.
 Ketcham, John H., Dover Plains, N. Y.
 Killinger, John W., Lebanon, Pa.
 Kimmell, William, Baltimore, Md.
 Knapp, Robert M., Jerseyville, Ill.
 Knott, J. Proctor, Lebanon, Ky.
 Landers, George M., New Britain, Ct.
 Lapham, Elbridge G., Canandaigua, N. Y.
 Lathrop, William, Rockford, Ill.
 Ligon, Robert F., Tuskegee, Ala.
 Lindsey, Stephen D., Norridgewock, Me.
 Lockwood, Daniel N., Buffalo, N. Y.
 Loring, George B., Salem, Mass.
 Luttrell, John K., Santa Rosa, Cal.
 Lynde, William Pitt, Milwaukee, Wis.
 Mackey, L. A., Lock Haven, Pa.
 Maish, Levi, York, Pa.
 Majors, Thomas J., Peru, Neb.
 Manning, Van H., Holly Springs, Miss.
 Marsh, Benjamin F., Warsaw, Ill.
 Martin, Benjamin F., Pruntytown, W. Va.
 Mayham, Stephen L., Schoharie, N. Y.
 McCook, Anson G., New York, N. Y.
 McGowan, J. H., Coldwater, Mich.
 McKenzie, James A., Longview, Ky.
 McKinley, William, Jr., Canton, O.
 McMahon, John A., Dayton, O.
 Mills, Roger Q., Corsicana, Texas.
 Mitchell, John I., Wellsboro, Pa.
 Money, Hernando D., Winona, Miss.
 Monroe, James, Oberlin, O.
 Morgan, Charles H., Lamar, Mo.
 Morrison, William R., Waterloo, Ill.
 Morse, Leopold, Boston, Mass.
 Muldrow, H. L., Starkville, Miss.
 Muller, Nicholas, New York, N. Y.
 Neal, Henry S., Ironton, O.
 Norcross, Amasa, Fitchburg, Mass.
 Oliver, Addison, Onawa, Iowa.
 O'Neill, Charles, Philadelphia, Pa.
 Overton, Edward, jr., Towanda, Pa.
 Page, Horace F., Placerville, Cal.
 Patterson, George W., Westfield, N. Y.
 Patterson, T. M., Denver, Col.
 Peddie, Thomas B., Newark, N. J.
 Phelps, James, Essex, Ct.
 Phillips, William A., Salina, Kan.
 Pollard, Henry M., Chillicothe, Mo.
 Potter, Clarkson N., New Rochelle, N. Y.
 Pound, Thad. C., Chippewa Falls, Wis.
 Powers, Llewellyn, Houlton, Me.
 Price, Hiram, Davenport, Iowa.
 Pridemore, Auburn L., Jonesville, Va.
 Pugh, John Howard, Burlington, N. J.
 Rainey, Joseph H., Georgetown, S. C.
 Randolph, James H., Newport, Tenn.
 Rea, David, Savannah, Mo.
 Reagan, John H., Palestine, Tex.
 Reed, Thomas B., Portland, Me.
 Reilly, James B., Pottsville, Pa.
 Rice, Americus V., Ottawa, O.
 Rice, William W., Worcester, Mass.
 Riddle, Haywood Y., Lebanon, Tenn.
 Robbins, William M., Statesville, N. C.
 Roberts, Charles B., Westminster, Md.
 Robertson, E. W., Baton Rouge, La.
 Robinson, George D., Chicopee, Mass.
 Robinson, Milton S., Anderson, Ind.
 Ross, Miles, New Brunswick, N. J.
 Ryan, Thomas, Topeka, Kan.
 Sampson, Ezekiel S., Sigourney, Iowa.
 Sapp, William F., Council Bluffs, Iowa.
 Sayler, Milton, Cincinnati, O.
 Scales, Alfred M., Greensboro', N. C.
 Sexton, Leonidas, Nashville, Ind.
 Shallenberger, Wm. S., Rochester, Pa.
 Shelley, Charles M., Selma, Ala.
 Singleton, Otto R., Canton, Miss.
 Sinnickson, Clement H., Salem, N. J.
 Slemmons, William F., Monticello, Ark.
 Smalls, Robert, Beaufort, S. C.
 Smith, A. Herr, Lancaster, Pa.
 Smith, William E., Albany, Ga.
 Southard, Milton I., Zanesville, O.
 Sparks, William A. J., Carlyle, Ill.
 Springer, William M., Springfield, Ill.
 Starin, John H., Fultonville, N. Y.
 Steele, Walter L., Rockingham, N. C.
 Stenger, William S., Chambersburg, Pa.
 Stephens, Alex. H., Crawfordville, Ga.
 Stewart, J. H., Saint Paul, Minn.
 Stone, John W., Grand Rapids, Mich.
 Stone, Joseph C., Burlington, Iowa.
 Strait, Horace B., Shakopee, Minn.
 Swann, Thomas, Baltimore, Md.
 Thompson, John M., Butler, Pa.
 Thornburgh, Jacob M., Knoxville, Tenn.
 Throckmorton, Jas. W., McKinney, Tex.
 Tipton, Thomas F., Bloomington, Ill.
 Townsend, Amos, Cleveland, O.
 Townsend, Martin I., Troy, N. Y.
 Townshend, R. W., Shawneetown, Ill.
 Tucker, John R., Lexington, Va.
 Turner, Thomas, Mount Sterling, Ky.
 Turney, Jacob, Greensburg, Pa.

Vance, Robert B., Asheville, N. C.
 Van Vorhes, Nelson H., Athens, O.
 Veeder, William D., Brooklyn, N. Y.
 Waddell, Alfred M., Wilmington, N. C.
 Wait, John T., Norwich, Ct.
 Walker, Gilbert C., Richmond, Va.
 Walsh, William, Cumberland, Md.
 Ward, William, Chester, Pa.
 Warner, Levi, Norwalk, Ct.
 Watson, Lewis F., Warren, Pa.
 White, Harry, Indiana, Pa.
 White, Michael D., Crawfordsville, Ind.
 Whitthorne, Wash'n C., Columbia, Tenn.
 Wigginton, P. D., Merced, Cal.
 Williams, Jeremiah N., Clayton, Ala.
 Williams, James, Kenton, Del.
 Williams, Andrew, Plattsburg, N. Y.
 Williams, Richard, Portland, Or.
 Williams, Charles G., Janesville, Wis.
 Willis, Albert S., Louisville, Ky.

Willis, Benjamin A., New York, N. Y.
 Willits, Edwin, Monroe, Mich.
 Wilson, Benjamin, Wilsonburg, W. Va.
 Wood, Fernando, New York, N. Y.
 Wren, Thomas, Eureka, Nev.
 Wright, Hendrick B., Wilkesbarre, Pa.
 Yeates, Jesse J., Murfreesboro', N. C.
 Young, Casey, Memphis, Tenn.
 Young, John S., Homer, La.

DELEGATES.

Cannon, George Q., Salt Lake City, Utah.
 Corlett, William W., Cheyenne, Wy.
 Fenn, Stephen S., Mount Idaho, Idaho.
 Jacobs, Orange, Seattle, Wash.
 Kidder, Jefferson P., Vermillion, Dak.
 Maginnis, Martin, Helena, Montana.
 Romero, Trinidad, New Mexico.
 Stevens, Hiram S., Tucson, Arizona.

PRINCIPAL OFFICERS OF THE HOUSE.

Speaker.—SAMUEL J. RANDALL, of Pennsylvania.
Chaplain.—Rev. W. P. Harrison.
Clerk of the House.—George M. Adams.
Chief Clerk.—Green Adams.
Superintendent of Lower Document-Room.—Morgan Rawls.
Librarian.—W. M. Hardy.
Sergeant-at-Arms.—John G. Thompson.
Doorkeeper.—Charles W. Field.
Superintendent of Folding-Room.—A. W. Fletcher.
Superintendent of Upper Document-Room.—George A. Bacon.
Postmaster.—James M. Stuart.
Stenographers.—Henry G. Hayes.
 Andrew Devine.

Official Reporters of Debates.

| | |
|-------------------|---------------------|
| John J. McElhons. | William Blair Lord. |
| William Hincks. | David Wolfe Brown. |
| J. K. Edwards. | |

OFFICERS OF CONGRESS.

Public Printer.—John D. Defrees.
Librarian of Congress.—Ainsworth R. Spofford.

THE CONGRESS OF THE UNITED STATES.

**45TH CONGRESS.—HOUSE OF REPRESENTATIVES.—March 4, 1877,
to March 4, 1879.**

SPEAKER **SAMUEL J. RANDALL, D., of Pennsylvania.**

[Democrats marked D. ; Republicans, R.; Members of the last House, *.]

(Names of contestants of seats placed directly under those of the sitting members, and indented.)

The figures indicate the number of the district represented by each member.

| ALABAMA. | GEORGIA. | IOWA. |
|----------------------------|----------------------------|-----------------------------|
| 1 James T. Jones, D. | 1 (Vacancy.) | 1 Joseph C. Stone, R. |
| 2 Hilary A. Herbert, D. | 2 William E. Smith,* D. | 2 Hiram Price, R. |
| 3 Jere. N. Williams,* D. | 3 Philip Cook,* D. | 3 Theo. W. Burdick, R. |
| 4 Charles M. Shelley, D. | 4 Henry R. Harris,* D. | 4 Nathan C. Deering, R. |
| J. Haralson, R. | 5 Milton A. Candler,* D. | 5 Rush Clark, R. |
| 5 Robert F. Ligon, D. | 6 James H. Blount,* D. | 6 Ezek. S. Sampson,* R. |
| 6 Goldsmith W. Hewitt,* D. | 7 William H. Felton,* D. | 7 H. J. B. Cummings, R. |
| 7 William H. Forney,* D. | 8 Alex. H. Stephens,* D. | 8 William F. Sapp, R. |
| 8 William W. Garth, D. | 9 Hiram P. Bell, D. | 9 Addison Oliver,* R. |
| ARKANSAS. | ILLINOIS. | KANSAS. |
| 1 Lucien C. Gause,* D. | 1 William Aldrich, R. | 1 William A. Phillips,* D. |
| 2 William F. Slemons,* D. | 2 Carter H. Harrison,* D. | 2 Dudley C. Haskell, R. |
| 3 Jordan E. Cravens, D. | 3 Lorenzo Brentano, R. | 3 Thomas Ryan, R. |
| 4 Thomas M. Gunter,* D. | 4 William Lathrop, R. | |
| CALIFORNIA. | 5 H. C. Burchard,* R. | KENTUCKY. |
| 1 Horace Davis, R. | 6 Thos. J. Henderson,* R. | 1 Andrew R. Boone,* D. |
| 2 Horace F. Page,* R. | 7 Philip C. Hayes, R. | 2 James A. McKenzie, D. |
| 3 John K. Luttrell,* D. | 8 Greenbury L. Fort,* R. | 3 John W. Caldwell, D. |
| 4 P. D. Wigginton, D. | 9 Thomas A. Boyd, R. | 4 J. Proctor Knott,* D. |
| COLORADO. | 10 B. F. Marsh, R. | 5 Albert S. Willis, D. |
| 1 Thos. M. Patterson, D. | 11 Robert M. Knapp, D. | 6 John G. Carlisle, D. |
| CONNECTICUT. | 12 Wm. M. Springer,* D. | 7 Jos. C. S. Blackburn,* D. |
| 1 George M. Landers,* D. | 13 Thomas F. Tipton, R. | 8 Milton J. Durham,* D. |
| 2 James Phelps,* D. | 14 Joseph G. Cannon,* R. | 9 Thomas Turner, D. |
| 3 John T. Wait,* R. | 15 John R. Eden,* D. | 10 John B. Clarke,* D. |
| 4 Levi Warner,* D. | 16 Wm. A. J. Sparks,* D. | |
| DELAWARE. | 17 Wm. R. Morrison,* D. | LOUISIANA. |
| 1 James Williams,* D. | 18 William Hartzell,* D. | 1 Randall L. Gibson,* D. |
| FLORIDA. | 19 R. W. Townsend, D. | 2 E. John Ellis,* D. |
| 1 R. H. M. Davidson, D. | INDIANA. | 3 J. H. Acklen, D. |
| 2 Horatio Biebee, Jr., R. | 1 Benoni S. Fuller,* D. | 4 Jos. R. B. Elam, D. |
| J. J. F. nley, D. | 2 Thomas R. Cobb, D. | 5 John S. Young, D. |
| | 3 George A. Bicknell, D. | 6 E. W. Robertson, D. |
| | 4 Leonidas Sexton, R. | |
| | 5 Thomas M. Browne, R. | |
| | 6 Milton S. Robinson,* R. | |
| | 7 John Hanna, R. | |
| | 8 Morton C. Hunter,* R. | |
| | 9 Michael D. White, R. | |
| | 10 Wm. H. Calkins, R. | |
| | 11 James L. Evans,* R. | |
| | 12 Andrew H. Hamilton,* D. | |
| | 13 John H. Baker,* R. | |
| | | MAINE. |
| | | 1 Thomas B. Reed, R. |
| | | 2 William P. Frye,* R. |
| | | 3 Stephen D. Lindsey, R. |
| | | 4 Llewellyn Powers, R. |
| | | 5 Eugene Hale,* R. |

HOUSE OF REPRESENTATIVES, BY STATES—(Continued).

MARYLAND.

- 1 Daniel M. Henry, D.
- 2 Charles B. Roberts,* D.
- 3 William Kimmel, D.
- 4 Thomas Swann,* D.
- 5 Eli J. Henkle,* D.
- 6 William Walsh,* D.

MASSACHUSETTS.

- 1 William W. Crapo,* R.
- 2 Benj. W. Harris,* R.
- 3 Benjamin Dean, D.
- 4 Leopold Morse, D.
- 5 Nathaniel P. Banks,* R.
- 6 George B. Loring, R.
- 7 Benjamin F. Butler, R.
- 8 William Clafin, R.
- 9 William W. Rice, R.
- 10 Amasa Norcross, R.
- 11 Geo. D. Robinson, R.

MICHIGAN.

- 1 (Vacancy.)
- 2 Edwin Willits, R.
- 3 Jonas H. McGowan, R.
- 4 Edwin W. Keightley, R.
- 5 John W. Stone, R.
- 6 Mark S. Brewer, R.
- 7 Omar D. Conger,* R.
- 8 Charles C. Ellsworth, R.
- 9 Jay A. Hubbell,* R.

MINNESOTA.

- 1 Mark H. Dunnell,* R.
- 2 Horace B. Strait,* R.
- 3 Jacob H. Stewart, R.

MISSISSIPPI.

- 1 Henry L. Muldrow, D.
- 2 Van H. Manning, D.
- 3 Hernando D. Money,* D.
- 4 Otho R. Singleton,* D.
- 5 Charles E. Hooker,* D.
- 6 James R. Chalmers, D.

MISSOURI.

- 1 Anthony Ittner, R.
- 2 Nathan Cole, R.
- 3 Lyne S. Metcalfe, R.
- 4 R. G. Frost, D.
- 5 Robert A. Hatcher,* D.
- 6 Richard P. Bland,* D.
- 7 Charles H. Morgan,* D.
- 8 Thos. T. Crittenden, D.
- 9 Benj. J. Franklin,* D.
- 9 David Rea,* D.
- 10 Henry M. Pollard, R.
- 11 John B. Clark, Jr.,* D.
- 12 John M. Glover,* D.
- 13 Aylett H. Buckner,* D.

NEBRASKA.

Thomas J. Majors, R.

NEVADA.

- 1 Thomas Wren, R.

NEW HAMPSHIRE.

- 1 Frank Jones,* D.
- 2 James F. Briggs, R.
- 3 Henry W. Blair,* R.

NEW JERSEY.

- 1 C. H. Sinnickson,* R.
- 2 John Howard Pugh, R.
- 3 Miles Ross,* D.
- 4 Alvah A. Clark, D.
- 5 Augustus W. Cutler,* D.
- 6 Thomas B. Peddle, R.
- 7 A. A. Hardenbergh,* D.

NEW YORK.

- 1 James W. Covert, D.
- 2 William D. Veeder, D.
- 3 Sim. B. Chittenden,* R.
- 4 Archibald M. Bliss,* D.
- 5 Nicholas Muller, D.
- 6 Samuel S. Cox,* D.
- 7 Anthony Eickhoff, D.
- 8 Anson G. McCook, R.
- 9 Fernando Wood,* D.
- 10 Abram S. Hewitt,* D.
- 11 Benjamin A. Willis,* D.
- 12 Clarkson N. Potter, D.
- 13 John H. Ketcham, R.
- 14 George M. Beebe,* D.
- 15 Stephen L. Mayham, D.
- 16 John M. Bailey, R.
- 17 Martin I. Townsend,* R.
- 18 Andrew Williams,* R.
- 19 Amariah B. James, R.
- 20 John H. Starin, R.
- 21 Solomon Bundy, R.
- 22 George A. Bagley,* R.
- 23 William J. Bacon, R.
- 24 William H. Baker,* R.
- 25 Frank Hiscock, R.
- 26 John H. Camp, R.
- 27 Elbridge G. Lapham,* R.
- 28 Jeremiah W. Dwight, R.
- 29 John N. Hungerford, R.
- 30 E. Kirke Hart, D.
- 31 Charles B. Benedict, D.
- 32 Daniel N. Lockwood, D.
- 33 Geo. W. Patterson, R.

NORTH CAROLINA.

- 1 Jesse J. Yeates,* D.
- 2 Curtis H. Brogden, R.
- 3 Alfred M. Waddell,* D.
- 4 Joseph J. Davis,* D.
- 5 Alfred M. Scales,* D.
- 6 Walter L. Steele, D.
- 7 Wm. M. Robbins,* D.
- 8 Robert B. Vance,* D.

OHIO.

- 1 Milton Saylor,* D.
- 2 Henry B. Banning,* D.
- 3 Mills Gardner, R.
- 4 John A. McMahon,* D.
- 5 Americus V. Rice,* D.
- 6 Jacob D. Cox, R.
- 7 Henry L. Dickey, D.
- 8 J. Warren Keifer, R.
- 9 John S. Jones, R.
- 10 Charles Foster,* R.
- 11 Henry S. Neal, R.
- 12 Thomas Ewing, D.
- 13 Milton I. Southard,* D.
- 14 Ebenezer B. Finley, D.
- 15 N. H. Van Vorhes,* R.
- 16 Lorenzo Danford,* R.
- 17 Wm. McKinley, Jr., R.
- 18 James Monroe,* R.
- 19 James A. Garfield,* R.
- 20 Amos Townsend, R.

OREGON.

- 1 Richard Williams, R.

PENNSYLVANIA.

- 1 Chapman Freeman,* R.
- 2 Charles O'Neill,* R.
- 3 Samuel J. Randall,* D.
- 4 William D. Kelley,* R.
- 5 Alfred C. Harmer, R.
- 6 William Ward, R.
- 7 Isaac N. Evans, R.
- 8 Hiester Clymer,* D.
- 9 A. Herr Smith,* R.
- 10 Samuel A. Bridges,* D.
- 11 Francis D. Collins,* D.
- 12 Hendrick B. Wright, D.
- 13 James B. Reilly,* D.
- 14 J. L. Nutting, R.
- 15 John W. Killinger, R.
- 16 Edward Overton, R.
- 17 John I. Mitchell, R.
- 18 Jacob M. Campbell, R.
- 19 Wm. S. Stenger,* D.
- 20 Levi Maish,* D.
- 21 Levi A. Mackey,* D.
- 22 Jacob Turney,* D.
- 23 Russell Errett, R.
- 24 Thomas M. Bayne, R.
- 25 Wm. S. Shallenberger, R.
- 26 Harry White, R.
- 27 John M. Thompson, R.
- 28 Lewis F. Watson, R.

RHODE ISLAND.

- 1 Benj. T. Eames,* R.
- 2 Latimer W. Ballou,* R.

SOUTH CAROLINA.

- 1 Joseph H. Rainey,* R.
- 2 J. S. Richardson, D.
- 3 Richard H. Cain, R.
- 4 D. Wyatt Aiken, D.
- 5 John H. Evans, D.
- 6 Robert Smalls,* R.
- 7 G. D. Tillman, D.

HOUSE OF REPRESENTATIVES, BY STATES—(Continued).

| | | | | |
|-----------------------------|---------------|----------------------------|-----------------------------|-----------------------------|
| TENNESSEE. | | | 5 De Witt C. Giddings, * D. | 8 Epps Hunton, * D. |
| 1 James H. Randolph, R. | | | 6 (Vacancy.) | 9 A. L. Pridemore, D. |
| 2 J. M. Thornburgh, * R. | | | | |
| 3 George G. Dibrell, * D. | | VERMONT. | | WEST VIRGINIA. |
| 4 Haywood Y. Riddle, * D. | | 1 Charles H. Joyce, * R. | | 1 Benjamin Wilson, * D. |
| 5 John M. Bright, * D. | | 2 Dudley C. Denison, * R. | | 2 Benjamin F. Martin, D. |
| 6 John F. House, * D. | | 3 George W. Hendee, * R. | | 3 John E. Kenna, D. |
| 7 Wash C. Whitthorne, * D. | | | | |
| 8 John D. C. Atkins, * D. | | VIRGINIA. | | WISCONSIN. |
| 9 William P. Caldwell, * D. | | 1 R. L. T. Beale, D. | | 1 Charles G. Williams, * R. |
| 10 Casey Young, * D. | | 2 John Goode, Jr., * D. | | 2 Lucien B. Caswell, * R. |
| | TEXAS. | 3 Gilbert C. Walker, * D. | | 3 George C. Hazelton, R. |
| 1 John H. Reagan, * D. | | 4 Joseph Jorgensen, R. | | 4 William P. Lynde, * D. |
| 2 David B. Culberson, * D. | | 5 George C. Cabell, * D. | | 5 Edward S. Bragg, D. |
| 3 J. W. Throckmorton, * D. | | 6 J. Randolph Tucker, * D. | | 6 Gabriel Bouck, D. |
| 4 Roger Q. Mills, * D. | | 7 John T. Harris, * D. | | 7 H. L. Humphrey, R. |
| | | | | 8 Thaddeus C. Pound, R. |

| | |
|----------------------------|------|
| Total Representatives..... | 298 |
| Democrats..... | 153 |
| Republicans..... | 137 |
| Vacancies..... | 3 |
| Total..... | —298 |
| Democratic Majority..... | 16 |

Delegates from Territories.

| | | |
|---------------------------|------------------------|------------------------|
| ARIZONA. | MONTANA. | WASHINGTON. |
| Hiram S. Stevens, * D. | Martin Maginnis, * D. | Orange Jacobs, * R. |
| DAKOTA. | NEW MEXICO. | WYOMING. |
| Jefferson P. Kidder, * R. | Trinidad Romero, R. | William W. Corlett, R. |
| IDAHO. | UTAH. | |
| Stephen S. Fenn, * D. | George Q. Cannon, * D. | |

Number of Counties in each State and Territory in 1878.

| UNITED STATES. | | UNITED STATES. | | UNITED STATES. | |
|-----------------------|-----|-----------------------|-----|-----------------------|------|
| 1 Alabama | 67 | 19 Minnesota. | 71 | 37 West Virginia..... | 54 |
| 2 Arkansas..... | 74 | 20 Mississippi..... | 75 | 38 Wisconsin..... | 60 |
| 3 California..... | 52 | 21 Missouri..... | 115 | | |
| 4 Colorado..... | 30 | 22 Nebraska..... | 62 | Total Counties.. | 2299 |
| 5 Connecticut..... | 8 | 23 Nevada..... | 14 | | |
| 6 Delaware..... | 3 | 24 New Hampshire.... | 10 | TERRITORIES. | |
| 7 Florida..... | 39 | 25 New Jersey..... | 21 | 1 Arizona..... | 6 |
| 8 Georgia..... | 137 | 26 New York..... | 60 | 2 Dakota..... | 34 |
| 9 Illinois..... | 102 | 27 North Carolina.... | 94 | 3 Idaho..... | 10 |
| 10 Indiana..... | 92 | 28 Ohio..... | 86 | 4 Montana..... | 10 |
| 11 Iowa..... | 99 | 29 Oregon..... | 23 | 5 New Mexico..... | 12 |
| 12 Kansas..... | 76 | 30 Pennsylvania..... | 67 | 6 Utah..... | 20 |
| 13 Kentucky..... | 117 | 31 Rhode Island..... | 5 | 7 Washington..... | 24 |
| 14 Louisiana..... | 58 | 32 South Carolina.... | 33 | 8 Wyoming..... | 5 |
| 15 Maine..... | 16 | 33 Tennessee..... | 94 | | |
| 16 Maryland..... | 23 | 34 Texas..... | 151 | Total..... | 121 |
| 17 Massachusetts..... | 14 | 35 Vermont..... | 14 | | |
| 18 Michigan..... | 76 | 36 Virginia..... | 105 | | |

REPRESENTATIVES ELECT TO THE FORTY-SIXTH CONGRESS.—March 4, 1879, to March 4, 1881.

[Democrats marked D.; Independent Democrats, I. D.; Republicans, R.; National, or Greenback party, G.; Members of the Forty-fifth Congress, *.]

The figures mark the number of the Congressional District represented by each member.

ALABAMA.

- 1 Thomas Herndon, D., Mobile.
- 2 Hilary A. Herbert, * D., Montgomery.
- 3 William J. Sanford, D., Opelika.
- 4 Charles M. Shelley, * D., Selma.
- 5 Thomas Williams, D., Wetumpka.
- 6 Burwell B. Lewis, D., Tuscaloosa.
- 7 William H. Forney, * D., Jacksonville.
- 8 William M. Lowe, I. D., Huntsville.

ARKANSAS.

- 1 Polindexter Dunn, D., Forest City.
- 2 William F. Slemons, * D., Monticello.
- 3 Jordan E. Cravens, * D., Clarksville.
- 4 Thomas M. Gunter, * D., Fayetteville.

CALIFORNIA.

[Elects 4 members Sept. 3d, 1879.]

COLORADO.

James B. Belford, R., Central City.

CONNECTICUT.

- 1 Joseph R. Hawley, R., Hartford.
- 2 James Phelps, * D., Essex.
- 3 John T. Wait, * R., Norwich.
- 4 Frederick Milles, R., Salisbury.

DELAWARE.

Edward L. Martin, D., Seaford.

FLORIDA.

- 1 Rob't H. M. Davidson, * D., Quincy.
- 2 Noble A. Hull, Sanford. ►

GEORGIA.

- 1 John C. Nicholls, D., Savannah.
- 2 William E. Smith, * D., Albany.
- 3 Philip Cook, * D., Americus.
- 4 Henry Persons, I. D., Talbotton.
- 5 Neil J. Hammond, D., Atlanta.
- 6 James H. Blount, * D., Macon.
- 7 William H. Felton, * I. D., Cartersville.
- 8 Alexander H. Stephens, * I. D., Crawfordsville.
- 9 Emory Speer, I. D., Athens.

ILLINOIS.

- 1 William Aldrich, * R., Chicago.
- 2 George R. Davis, R., Chicago.
- 3 Hiram Barber, Jr., R., Chicago.
- 4 John C. Sherwin, R., Aurora.
- 5 R. M. A. Hawk, R., Mt. Carroll.
- 6 Thos. J. Henderson, * R., Princeton.
- 7 Philip C. Hayes, * R., Morris.
- 8 Greenbury L. Fort, * R., Lacon.
- 9 Thomas A. Boyd, * R., Lewiston.
- 10 Benjamin F. Marsh, * R., Warsaw.

- 11 James W. Singleton, D., Quincy.
- 12 Wm. M. Springer, * D., Springfield.
- 13 A. E. Stevenson, I. D., Bloomington.
- 14 Joseph G. Cannon, * R., Danville.
- 15 Albert P. Forsythe, G., Shelbyville.
- 16 Wm. A. J. Sparks, * D., Carlyle.
- 17 Wm. R. Morrison, * D., Waterloo.
- 18 John R. Thomas, R., Metropolis.
- 19 R. W. Townshend, * D., Shawneetown.

INDIANA.

- 1 William Heilman, R., Evansville.
- 2 Thomas R. Cobb, * D., Vincennes.
- 3 George A. Bicknell, * D., New Albany.
- 4 Jephthah D. New, D., Vernon.
- 5 Thomas M. Browne, * R., Winchester.
- 6 William R. Myers, D., Anderson.
- 7 Gilbert De La Matyr, G., Indianapolis.
- 8 Andrew J. Hostetler, D., Bedford.
- 9 Godlove S. Orth, R., Lafayette.
- 10 Wm. H. Calkins, * R., La Porte.
- 11 Calvin Cowgill, R., Wabash.
- 12 Walpole G. Colerick, D., Ft. Wayne.
- 13 John H. Baker, * R., Goshen.

IOWA.

- 1 Moses McCold, R., Fairfield.
- 2 Hiram Price, * R., Davenport.
- 3 Thomas Updegraff, R., McGregor.
- 4 Nathan C. Deering, * R., Osage.
- 5 Rush Clark, * R., Iowa City.
- 6 James B. Weaver, G., Bloomfield.
- 7 Edward H. Gillette, G., Des Moines.
- 8 William F. Sapp, * R., Council Bluffs.
- 9 Cyrus C. Carpenter, R., Fort Dodge.

KANSAS.

- 1 John A. Anderson, R., Manhattan.
- 2 Dudley C. Haskell, * R., Lawrence.
- 3 Thomas Ryan, * R., Topeka.
- 1 [J. R. Hallowell, R., at large, Columbus.]

KENTUCKY.

- 1 Oscar Turner, I. D., Blandville.
- 2 James A. McKenzie, * D., Long View.
- 3 John W. Caldwell, * D., Russellville.
- 4 J. Proctor Knott, * D., Lebanon.
- 5 Albert S. Willis, * D., Louisville.
- 6 John G. Carlisle, * D., Covington.
- 7 Jos. C. S. Blackburn, * D., Versailles.
- 8 Philip B. Thompson, Jr., D., Harrisonburg.
- 9 Thomas Turner, * D., Mt. Sterling.
- 10 Elijah C. Phister, D., Maysville.

LOUISIANA.

- 1 Randall L. Gibson, * D., New Orleans.
- 2 E. John Ellis, * D., New Orleans.
- 3 Joseph H. Acklen, * D., Pattersonville.
- 4 Jos. R. B. Elam, * D., Mansfield.
- 5 John S. Young, D., Homer.
- 6 E. W. Robertson, * D., Baton Rouge.

MAINE.

- 1 Thomas B. Reed,* R., Portland.
- 2 William P. Frye,* R., Lewiston.
- 3 Stephen D. Lindsey,* R., Norridge-
wock.
- 4 George W. Ladd, D., Bangor.
- 5 Thompson H. Murch, G., Rockland.

MARYLAND.

- 1 Daniel M. Henry,* D., Cambridge.
- 2 J. F. C. Talbot, D., Towson.
- 3 William Kimmel,* D., Baltimore.
- 4 Robert McLane, D., Baltimore.
- 5 Eli J. Henkle,* D., Brooklyn.
- 6 Milton G. Urner, R., Frederick.

MASSACHUSETTS.

- 1 William W. Crapo,* R., New Bedford.
- 2 Benj. W. Harris,* R., E. Bridgewater.
- 3 Walbridge A. Field,* R., Boston.
- 4 Leopold Morse,* D., Boston.
- 5 Selwyn Z. Bowman, R., Somerville.
- 6 George B. Loring,* R., Salem.
- 7 William A. Russell, R., Lawrence.
- 8 William Claflin,* R., Newton.
- 9 William W. Rice,* R., Worcester.
- 10 Amasa Norcross,* R., Fitchburg.
- 11 Geo. D. Robinson,* R., Chicopee.

MICHIGAN.

- 1 John S. Newberry, R., Detroit.
- 2 Edwin Willits,* R., Monroe.
- 3 Jonas H. McGowan,* R., Coldwater.
- 4 Julius C. Burrows, R., Kalamazoo.
- 5 John W. Stone,* R., Grand Rapids.
- 6 Mark S. Brewer,* R., Pontiac.
- 7 Omar D. Conger,* R., Port Huron.
- 8 Roswell G. Horr, R., East Saginaw.
- 9 Jay A. Hubbell,* R., Houghton.

MINNESOTA.

- 1 Mark H. Dunnell,* R., Owatonna.
- 2 Henry Poehler, D., Henderson.
- 3 Wm. D. Washburn, R., Minneapolis.

MISSISSIPPI.

- 1 Henry L. Muldrow,* D., Starkville.
- 2 Van H. Manning,* D., Holly Springs.
- 3 Hernando D. Money,* D., Winona.
- 4 Otho R. Singleton,* D., Canton.
- 5 Charles E. Hooker,* D., Jackson.
- 6 Jas. R. Chalmers,* D., Vicksburg.

MISSOURI.

- 1 Martin L. Clardy, D., St. Louis.
- 2 Erastus Wells, D., St. Louis.
- 3 R. Graham Frost, D., St. Louis.
- 4 Lowndes H. Davis, D., Jackson.
- 5 Richard P. Bland,* D., Lebanon.
- 6 James R. Waddill, D., Springfield.
- 7 Alfred M. Lay, D., Jefferson City.
- 8 Sam'l L. Sawyer, D., Independence.
- 9 Nicholas Ford, G., Rochester.
- 10 Gideon D. Rothwell, D., Moberly.
- 11 John B. Clark, Jr.,* D., Fayette.
- 12 William H. Hatch, D., Hannibal.
- 13 Aylett H. Buckner,* D., Mexico.

NEBRASKA.

- Edw. K. Valentine, R., Norfolk.
- 1 [Thomas J. Major, R., Contingent]

NEVADA.

- Rollin M. Daggett, R., Virginia City.

NEW HAMPSHIRE.

- 1 Joshua G. Hall, R., Dover.
- 2 James F. Briggs,* R., Manchester.
- 3 Everts W. Farr, R., Littleton.

NEW JERSEY.

- 1 George M. Robeson, R., Camden.
- 2 Hezekiah B. Smith, G., Smithville.
- 3 Miles Ross,* D., New Brunswick.
- 4 Alvah A. Clark,* D., Somerville.
- 5 Charles H. Voorhis, R., Hackensack.
- 6 John L. Blake, R., Orange.
- 7 Lewis A. Brigham, R., Jersey City.

NEW YORK.

- 1 James W. Covert,* D., Flushing.
- 2 Daniel O'Reilly, I. D., Brooklyn.
- 3 Sim. B. Chittenden,* R., Brooklyn.
- 4 Archibald M. Bliss,* D., Brooklyn.
- 5 Nicholas Muller,* D., New York.
- 6 Samuel S. Cox,* D., New York.
- 7 Edwin Einstein, R., New York.
- 8 Anson G. McCook,* R., New York.
- 9 Fernando Wood,* D., New York.
- 10 James O'Brien, D., New York.
- 11 Levi P. Morton, R., New York.
- 12 [?] Vacancy.
- 13 John H. Ketcham,* R., Dover Plains.
- 14 John W. Ferdon, R., Piermont.
- 15 William Lounsbury, D., Kingston.
- 16 John M. Bailey, R., Albany.
- 17 Walter A. Wood, R., Troy.
- 18 John Hammond, R., Crown Point.
- 19 Amariah B. James,* R., Ogdensburg.
- 20 John H. Starin,* R., Fultonville.
- 21 David Wilber, R., Milford.
- 22 Warren Miller, R., Ilion.
- 23 Cyrus D. Prescott, R., Rome.
- 24 Joseph Mason, R., Oswego.
- 25 Frank Hiscock,* R., Syracuse.
- 26 John H. Camp,* R., Lyons.
- 27 Elbridge G. Lapham,* R., Canandaigua.
- 28 Jeremiah W. Dwight,* R., Dryden.
- 29 D. P. Richardson, R., Angel ca.
- 30 John Van Voorhis, R., Rochester.
- 31 Richard Crowley, R., Lockport.
- 32 Ray V. Pierce, R., Buffalo.
- 33 Henry Van Aernam, R., Franklinville.

NORTH CAROLINA.

- 1 Joseph J. Martin, R., Williamston.
- 2 William H. Kitchin, D., Scotland Neck.
- 3 Daniel L. Russell, G., Wilmington.
- 4 Joseph J. Davis,* D., Lewisburg.
- 5 Alfred M. Scales,* D., Greensboro.
- 6 Walter L. Steele,* D., Rockingham.
- 7 Rob't F. Armfield, D., Statesville.
- 8 Robert B. Vance,* D., Asheville.

OHIO.

- 1 Benj. Butterworth, R., Cincinnati.
- 2 Thomas L. Young, R., Cincinnati.
- 3 Mills Gardner,* R., Washington
- 4 John A. McMahon,* D., Dayton.
- 5 Benjamin Lefevre, D., Sydney.
- 6 William D. Hill, D., Defiance.
- 7 Frank Hurd, D., Toledo.

- 8 Ebenezer B. Finley, * D., Bucyrus.
- 9 George L. Converse, * D., Columbus.
- 10 Henry L. Dickey, D., Greenfield.
- 11 Henry S. Neal, * R., Ironton.
- 12 Thomas Ewing, * D., Lancaster.
- 13 A. J. Warner, D., Marietta.
- 14 Gibson Atherton, D., Newark.
- 15 George W. Geddes, D., Mansfield.
- 16 William McKinley, Jr., * R., Canton.
- 17 James Monroe, * R., Oberlin.
- 18 Jona. T. Updegraff, R., Mt. Pleasant.
- 19 James A. Garfield, * R., Mentor.
- 20 Amos Townsend, * R., Cleveland

OREGON.

John Whiteaker, D., Pleasant Hill.

PENNSYLVANIA.

- 1 Henry H. Bingham, R., Philadelphia.
- 2 Charles O'Neill, * R., Philadelphia.
- 3 Samuel J. Randall, * D., Philadelphia.
- 4 William D. Kelley, * R., Philadelphia.
- 5 Alfred C. Harmer, * R., Germantown.
- 6 William Ward, * R., Chester.
- 7 William Godshalk, R., New Britain.
- 8 Hester Clymer, * D., Reading.
- 9 A. Herr Smith, * R., Lancaster.
- 10 Reuben K. Bachman, D., Durham.
- 11 Robert Klotz, D., Mauch Chunk.
- 12 Hendrick B. Wright, * D., Wilkesbarre.
- 13 John M. Ryan, D., Pottsville.
- 14 John W. Killinger, * R., Lebanon.
- 15 Edward Overton, * R., Towanda.
- 16 John I. Mitchell, * R., Wellsboro.
- 17 Alex. H. Coffroth, D., Somerset.
- 18 Horatio G. Fisher, R., Huntington.
- 19 Frank E. Beltzhoover, D., Carlisle.
- 20 Seth H. Yocum, G., Bellefonte.
- 21 Morgan R. Wise, D., Waynesburg.
- 22 Russell Errett, * R., Pittsburg.
- 23 Thomas M. Bayne, * R., Allegheny.
- 24 William S. Shallenberger, * R., Rochester.
- 25 Harry White, * R., Indiana.
- 26 Samuel B. Dick, R., Meadville.
- 27 J. H. Osmer, R., Franklin.

RHODE ISLAND.

- 1 Nelson V. Aldrich, R., Providence.
- 2 Latimer W. Ballou, * R., Woonsocket.

SOUTH CAROLINA.

- 1 John S. Richardson, D., Sumter.
- 2 M. P. O'Connor, D., Charleston.
- 3 D. Wyatt Aiken, * D., Cokesbury.

- 4 John H. Ewins, * D., Spartanburg.
- 5 Geo. D. Tillman, D., Edgefield.

TENNESSEE.

- 1 Robert L. Taylor, D., Elizabethtown.
- 2 Leonidas C. Houk, R., Knoxville.
- 3 George G. Dibrell, * D., Sparta.
- 4 Benton McMillan, D., Carthage.
- 5 John M. Bright, * D., Fayetteville.
- 6 John F. House, * D., Clarksville.
- 7 Wash. C. Whitthorne, * D., Columbia.
- 8 John D. C. Atkins, * D., Paris.
- 9 C. B. Simonton, D., Dresden.
- 10 Casey Young, * D., Memphis.

TEXAS.

- 1 John H. Reagan, * D., Palestine.
- 2 David B. Culberson, * D., Jefferson.
- 3 Olin Wellborn, D., Sherman.
- 4 Roger Q. Mills, * D., Corsicana.
- 5 Geo. W. Jones, G., Bastrop.
- 6 [?] Vacancy.

VERMONT.

- 1 Charles H. Joyce, * R., Rutland.
- 2 James M. Tyler, R., Brattleboro.
- 3 Bradley Barlow, R. G., St. Albans.

VIRGINIA.

- 1 R. L. T. Beale, D., Hagne.
- 2 John Goode, Jr., * D., Norfolk.
- 3 Joseph E. Johnston, D., Richmond.
- 4 Joseph Jorgensen, * R., Petersburg.
- 5 George C. Cabell, * D., Danville.
- 6 J. Randolph Tucker, * D., Lexington.
- 7 John T. Harris, * D., Harrisonburg.
- 8 Eppa Hunton, * D., Warrenton.
- 9 James B. Richmond, D., Estellville.

WEST VIRGINIA.

- 1 Benjamin Wilson, * D., Willsonburg.
- 2 Benjamin F. Martin, * D., Pruntytown.
- 3 John E. Kenna, * D., Kanawha C. H.

WISCONSIN.

- 1 Charles G. Williams, * R., Janesville.
- 2 Lucien B. Caswell, * R., Ft. Atkinson.
- 3 George C. Hazelton, * R., Boscobel.
- 4 Peter V. Denster, D., Milwaukee.
- 5 Edward S. Bragg, * D., Fond du Lac.
- 6 Gabriel Bouck, * D., Oshkosh.
- 7 Herman L. Humphrey, * R., Hudson.
- 8 Thaddeus C. Pound, * R., Chippewa Falls.

Total number of Representatives..... 293

| | |
|----------------------------------|-----|
| Democrats..... | 148 |
| Republicans..... | 129 |
| Greenback or National party..... | 10 |
| Vacancies..... | 6 |

293

Of the 10 members elected by the Greenback party, five are classed as Republicans, and five as Democrats.

Members of the 45th Congress elected to the 46th, 155.

1 The two representatives-elect whose names are in brackets were chosen by Kansas and Nebraska in addition to their regular quota in the House, contingent upon admission under the claim of those States to increased representation.

2 Alexander Smith, Rep., was elected November 5th, 1873, from the 12th N. Y. District, but died on Election-day. The vacancy will be filled in 1879.

3 Gustave Schleicher, Dem., representative-elect from Texas, died Jan. 10, 1879.

Delegates from Territories.

ARIZONA.
John G. Campbell, D., Prescott.
DAKOTA.
Granville G. Bennett, R., Yankton.
IDAHO.
George Ainslie, R., Idaho City.
MONTANA.
Martin Maginnis, * D., Helena.

NEW MEXICO.
Mariano A. Otero, R., Bernalillo.
UTAH.
George Q. Cannon, * D., Salt Lake City.
WASHINGTON.
Thomas H. Brents, R., Walla Walla.
WYOMING.
Stephen W. Downey, R., Laramie City.

SENATORS-ELECT, 46TH CONGRESS.—March 4, 1879, to March 4, 1881.

Democrats, 42; Republicans, 33; Independent, 1: Total, 76.

Alabama.
1883 John T. Morgan, D., Selma.
1885 George S. Houston, D., Athens.
Arkansas.
1883 Aug. H. Garland, D., Little Rock.
1885 James D. Walker, D., Fayetteville.
California.
1881 Newton Booth, R., Sacramento.
1885 James T. Farley, D., Jackson.
Colorado.
1883 Henry M. Teller, R., Central City.
1885 Nathaniel P. Hill, R., Denver.
Connecticut.
1881 William W. Eaton, D., Hartford.
1885 Orville H. Platt, R., Meriden.
Delaware.
1881 Thos. F. Bayard, D., Wilmington.
1883 Eli Saulsbury, D., Keaton.
Florida.
1881 Charles W. Jones, D., Pensacola.
1885 Wilkinson Call, D., Jacksonville.
Georgia.
1883 Benj. H. Hill, D., Atlanta.
1885 John B. Gordon, D., Atlanta.
Illinois.
1883 David Davis, Ind., Bloomington.
1885 John A. Logan, R., Chicago.
Indiana.
1881 Jos. E. McDonald, D., Indianapolis.
1885 Dan. W. Voorhees, D., Terre Haute.
Iowa.
1883 Samuel J. Kirkwood, R., Iowa City.
1885 William B. Allison, R., Dubuque.
Kansas.
1883 Preston B. Plumb, R., Emporia.
1885 John J. Ingalls, R., Atchison.
Kentucky.
1883 James B. Beck, D., Lexington.
1885 John T. Williams, D., Mt. Sterling.
Louisiana.
1883 Wm. P. Kellogg, R., New Orleans.
1885 B. Frank Jonas, D., New Orleans.
Maine.
1881 Hannibal Hamlin, R., Bangor.
1883 James G. Blaine, R., Augusta.
Maryland.
1881 Wm. Pinkney Whyte, D., Baltimore.
1883 James B. Groom, D., Elkton.
Massachusetts.
1881 Henry L. Dawes, R., Pittsfield.
1883 George F. Hoar, R., Worcester.
Michigan.
1881 Isaac P. Christianity, R., Lansing.
1883 Thos. W. Ferry, R., Grand Haven.
Minnesota.
1881 Sam. J. R. McMillan, R., St. Paul.
1883 William Windom, R., Winona.

Mississippi.
1881 Blanche K. Bruce, R., Floreyville.
1883 Lucius Q. C. Lamar, D., Oxford.
Missouri.
1881 Francis M. Cockrell, D., Warrensburg.
1885 George G. Vest, D., Sedalia.
Nebraska.
1881 Algernon S. Paddock, R., Beatrice.
1883 Alvin Saunders, R., Omaha.
Nevada.
1881 William Sharon, R., Virginia City.
1885 John P. Jones, R., Gold Hill.
New Hampshire.
1883 Edward H. Rollins, R., Concord.
1885 R.,
New Jersey.
1881 Theo. F. Randolph, D., Morristown.
1883 John R. McPherson, D., Jersey City.
New York.
1881 Francis Kernan, D., Utica.
1885 Roscoe Conkling, R., Utica.
North Carolina.
1883 Matt. W. Ransom, D., Weldon.
1885 Zebulon B. Vance, D., Charlotte.
Ohio.
1881 Allen G. Thurman, D., Columbus.
1885 George H. Pendleton, D., Cincinnati.
Oregon.
1883 Lafayette Grover, D., Salem.
1885 John H. Slater, D., La Grande.
Pennsylvania.
1881 William A. Wallace, D., Clearfield.
1885 Jas. Donald Cameron, R., Harrisburg.
Rhode Island.
1881 Ambrose E. Burnside, R., Providence.
1883 Henry B. Anthony, R., Providence.
South Carolina.
1883 Manning C. Butler, D., Edgefield C. H.
1885 Wade Hampton, D., Columbia.
Tennessee.
1881 James E. Bailey, D., Clarksville.
1883 Isham G. Harris, D., Memphis.
Texas.
1881 Samuel B. Maxey, D., Paris.
1883 Richard Coke, D., Waco.
Vermont.
1881 George F. Edmunds, R., Burlington.
1883 Justin S. Morrill, R., Strafford.
Virginia.
1881 Robert E. Withers, D., Wytheville.
1883 John W. Johnston, D., Abingdon.
West Virginia.
1881 Frank Hereford, D., Union.
1883 Henry G. Davis, D., Piedmont.
Wisconsin.
1881 Angus Cameron, R., La Crosse.
1883 Matt. H. Carpenter, R., Milwaukee.

COMMITTEES OF THE SENATE—45TH CONGRESS, 1877-79.

The first-named Senator on each Committee is its Chairman.

Committee on Privileges and Elections.

B. Wadleigh, of N. H.
J. H. Mitchell, of Oregon.
Angus Cameron, of Wis.
S. J. R. McMillan, of Minn.
George F. Hoar, of Mass.
J. J. Ingalls, of Kan.
Eli Saulsbury, of Del.
A. S. Merrimon, of N. C.
Benjamin H. Hill, of Ga.

Foreign Relations.

Hannibal Hamlin, of Me.
Timothy O. Howe, of Wis.
Roscoe Conkling, of N. Y.
Stanley Matthews, of Ohio.
S. J. Kirkwood, of Iowa.
T. C. McCreery, of Ky.
W. W. Eaton, of Conn.
John W. Johnston, of Va.
J. T. Morgan, of Ala.

Finance.

Justin S. Morrill, of Vt.
Henry L. Dawes, of Mass.
Thomas W. Ferry, of Mich.
John P. Jones, of Nev.
W. B. Allison, of Iowa.
Thomas F. Bayard, of Del.
Francis Kernan, of N. Y.
W. A. Wallace, of Pa.
D. W. Voorhees, of Ind.

Appropriations.

William Windom, of Minn.
Aaron A. Sargent, of Cal.
W. B. Allison, of Iowa.
Stephen W. Dorsey, of Ark.
James G. Blaine, of Me.
Henry G. Davis, of W. Va.
Robert E. Withers, of Va.
W. A. Wallace, of Pa.
James B. Beck, of Ky.

Commerce.

Roscoe Conkling, of N. Y.
George E. Spencer, of Ala.
S. J. R. McMillan, of Minn.
John J. Patterson, of S. C.
John P. Jones, of Nev.
John B. Gordon, of Geo.
George R. Dennis, of Md.
Matt W. Ransom, of N. C.
T. F. Randolph, of N. J.

District of Columbia.

S. W. Dorsey, of Ark.
G. E. Spencer, of Ala.
John J. Ingalls, of Kan.
E. H. Rollins, of N. H.
A. S. Merrimon, of N. C.
William H. Barnum, of Ct.
I. G. Harris, of Tenn.

Manufactures.

Edward H. Rollins, of N. H.
A. E. Burnside, of R. I.
J. D. Cameron, of Pa.
John W. Johnston, of Va.
J. R. McPherson, of N. J.

Agriculture.

A. S. Paddock, of Neb.
William Sharon, of Nev.
George F. Hoar, of Mass.
Henry G. Davis, of W. Va.
John B. Gordon, of Ga.

Military Affairs.

George E. Spencer, of Ala.
A. E. Burnside, of R. I.
B. Wadleigh, of N. H.
P. B. Plumb, of Kan.
J. D. Cameron, of Pa.
T. F. Randolph, of N. J.
Francis M. Cockrell, of Mo.
Samuel B. Maxey, of Texas.
M. C. Butler, of S. C.

Naval Affairs.

Aaron A. Sargent, of Cal.
Henry B. Anthony, of R. I.
Simon B. Conover, of Fla.
James G. Blaine, of Me.
William P. Whyte, of Md.
J. R. McPherson, of N. J.
C. W. Jones, of Fla.

Judiciary.

George F. Edmunds, of Vt.
Roscoe Conkling, of N. Y.
Timothy O. Howe, of Wis.
I. P. Christianity, of Mich.
David Davis, of Ill.
Allen G. Thurman, of O.
J. E. McDonald, of Ind.

Post-Offices and Post-Roads.

T. W. Ferry, of Mich.
Hannibal Hamlin, of Me.
A. S. Paddock, of Neb.
Simon B. Conover, of Fla.
S. J. Kirkwood, of Iowa.
A. E. Burnside, of R. I.
Eli Saulsbury, of Del.
Samuel B. Maxey, of Tex.
James E. Bailey, of Tenn.

Territories.

John J. Patterson, of S. C.
Jerome B. Chaffee, of Col.
A. Saunders, of Neb.
W. P. Kellogg, of La.
A. H. Garland, of Ark.
L. F. Grover, of Oregon.
Frank Hereford, of W. Va.

Public Lands.

Richard J. Oglesby, of Ill.
A. S. Paddock, of Neb.
Newton Booth, of Cal.
Jerome B. Chaffee, of Col.
P. B. Plumb, of Kan.
J. E. McDonald, of Ind.
Charles W. Jones, of Fla.
L. F. Grover, of Oregon.
A. H. Garland, of Ark.

Private Land-Claims.

Allen G. Thurman, of O.
Thomas F. Bayard, of Del.
George F. Edmunds, of Vt.
I. P. Christianity, of Mich.
L. F. Grover, of Oregon.

Indian Affairs.

William B. Allison, of Ia.
Richard J. Oglesby, of Ill.
John J. Ingalls, of Kan.
A. Saunders, of Neb.
T. C. McCreery, of Ky.
Richard Coke, of Texas.
James B. Eustis, of La.

Pensions.

John J. Ingalls, of Kan.
Blanche K. Bruce, of Miss.
S. J. Kirkwood, of Iowa.
W. P. Kellogg, of La.
Robert E. Withers, of Va.
James E. Bailey, of Tenn.
D. W. Voorhees, of Ind.

Revolutionary Claims.

J. W. Johnston, of Va.
Charles W. Jones, of Fla.
Benjamin H. Hill, of Ga.
Henry L. Dawes, of Mass.
S. J. R. McMillan, of Minn.

Claims.

S. J. R. McMillan, of Minn.
John H. Mitchell, of Or.
Angus Cameron, of Wis.
Henry M. Teller, of Col.
George F. Hoar, of Mass.
F. M. Cockrell, of Mo.
Frank Hereford, of W. Va.
I. G. Harris, of Tenn.
J. T. Morgan, of Ala.

Mines and Mining.

William Sharon, of Nev.
Jerome B. Chaffee, of Col.
Newton Booth, of Cal.
P. B. Plumb, of Kan.
Frank Hereford, of W. Va.
Richard Coke, of Tex.
Benjamin H. Hill, of Ga.

COMMITTEES OF THE SENATE—(Continued).

Patents.

Newton Booth, of Cal.
B. Wadleigh, of N. H.
George F. Hoar, of Mass.
Francis Kernan, of N. Y.
W. W. Eaton, of Ct.

Railroads.

John H. Mitchell, of Or.
Henry L. Dawes, of Mass.
S. W. Dorsey, of Ark.
H. M. Teller, of Col.
A. Saunders, of Neb.
Matt W. Ransom, of N. C.
W. Windom, of Minn.
S. Matthews, of Ohio.
W. H. Barnum, of Ct.
L. Q. C. Lamar, of Miss.
D. H. Armstrong, of Mo.

Revision of the Laws of the United States.

I. P. Christlancy, of Mich.
S. Matthews, of Ohio.
David Davis, of Ill.
W. A. Wallace, of Pa.
Francis Kernan, of N. Y.

Education and Labor.

A. E. Burnside, of R. I.
John J. Patterson, of S. C.
Justin S. Morrill, of Vt.
Blanche K. Bruce, of Miss.
William Sharon, of Nev.
John B. Gordon, of Ga.
S. B. Maxey, of Texas.
James E. Bailey, of Tenn.
L. Q. C. Lamar, of Miss.

Civil Service and Retrenchment.

H. M. Teller, of Col.
Richard J. Oglesby, of Ill.
John J. Patterson, of S. C.
Newton Booth, of Cal.
T. C. McCreery, of Ky.
W. P. Whyte, of Md.
James B. Beck, of Ky.

Audit and Control the Contingent Expenses of the Senate.

J. P. Jones, of Nev.
E. H. Rollins, of N. H.
George R. Dennis, of Md.

Engrossed Bills.

T. F. Bavard, of Del.
Robert E. Withers, of Va.
H. B. Anthony, of R. I.

Rules.

James G. Blaine, of Me.
T. W. Ferry, of Mich.
A. S. Merrimon, of N. C.

Public Printing.

H. B. Anthony, of R. I.
A. A. Sargent, of Cal.
W. Pinkney Whyte, of Md.

Enrolled Bills.

Simon B. Conover, of Fla.
A. S. Paddock, of Neb.
D. H. Armstrong, of Mo.

Joint Committee on the Library.

Timothy O. Howe, of Wis.
George F. Edmunds, of Vt.
Matt W. Ransom, of N. C.

Public Buildings and Grounds.

H. L. Dawes, of Mass.
Justin S. Morrill, of Vt.
J. D. Cameron, of Pa.
Eli Saulsbury, of Del.
James B. Eustis, of La.

SELECT COMMITTEES.**On Mississippi Levees.**

Blanche K. Bruce, of Miss.
James G. Blaine, of Me.
W. P. Kellogg, of La.
Francis M. Cockrell, of Mo.
I. G. Harris, of Tenn.
Angus Cameron, of Wis.
James B. Eustis, of La.

On Transportation Routes to the Seaboard.

Angus Cameron, of Wis.
William Windom, of Minn.
Simon B. Conover, of Fla.
J. D. Cameron, of Pa.
Henry G. Davis, of W. Va.
L. Q. C. Lamar, of Miss.
James B. Beck, of Ky.
M. C. Butler, of S. C.

On the Civil Service.

J. D. Chaffee, of Col.
William Windom, of Minn.
H. Hamlin, of Me.
A. S. Merrimon, of N. C.
William W. Eaton, of Ct.

On the Law for Ascertaining Result of Presidential Elections.

Geo. F. Edmunds, of Vt.
R. Conkling, of N. Y.
T. O. Howe, of Wis.
S. J. R. McMillan, of Minn.
H. M. Teller, of Col.
David Davis, of Ill.
T. F. Bayard, of Del.
A. G. Thurman, of Ohio.
John T. Morgan, of Ala.

On the Reorganization of the Army.

A. E. Burnside, of R. I.
P. B. Plumb, of Kansas.
Samuel B. Maxey, of Tex.

On Accounts of the Treasury Department.

H. G. Davis, of W. Va.
James B. Beck, of Ky.
W. B. Allison, of Iowa.
J. J. Ingalls, of Kan.
J. D. Cameron, of Pa.

On the Relations between the United States and Mexico.

Roscoe Conkling, of N. Y.
H. Hamlin, of Maine.
T. O. Howe, of Wis.
John P. Jones, of Nev.
J. D. Cameron, of Pa.
William W. Eaton, of Ct.
Samuel B. Maxey, of Tex.

To make Provision for taking the Tenth Census.

Justin S. Morrill, of Vt.
Aaron A. Sargent, of Cal.
Angus Cameron, of Wis.
Stanley Matthews, of Ohio.
David Davis, of Ill.
Francis Kernan, of N. Y.
John T. Morgan, of Ala.

To Inquire into the late Presidential Election in Louisiana.

Geo. F. Edmunds, of Vt.
W. B. Allison, of Iowa.
J. J. Ingalls, of Kan.
Geo. F. Hoar, of Mass.
David Davis, of Ill.
W. Pinkney Whyte, of Md.
Charles W. Jones, of Fla.

On Violations of Rights of American Citizens at the Elections of 1878.

H. M. Teller, of Col.
Angus Cameron, of Wis.
S. J. Kirkwood, of Iowa.
Geo. F. Hoar, of Mass.
S. J. R. McMillan, of Minn.
T. F. Bayard, of Del.
W. A. Wallace, of Pa.
J. E. Bailey, of Tenn.
A. H. Garland, of Ark.

On Epidemic Diseases.

Isham G. Harris, of Tenn.
Stanley Matthews, of Ohio.
L. Q. C. Lamar, of Miss.
A. S. Paddock, of Neb.
S. B. Conover, of Fla.
A. H. Garland, of Ark.
James B. Eustis, of La.

COMMITTEES OF THE HOUSE OF REPRESENTATIVES— 45TH CONGRESS, 1877-79.

• The first-named Representative on each Committee is its Chairman.

| Elections. | Pacific Railroad. | Post-Offices and Post-Roads. |
|---|---|---|
| <p>John T. Harris, of Va. William M. Springer, of Ill. Milton A. Candler, of Ga. Jacob Turney, of Pa. Thomas R. Cobb, of Ind. Jer. N. Williams, of Ala. E. John Ellis, of La. John T. Wait, of Ct. J. M. Thornburgh, of Tenn. Hiram Price, of Iowa. Frank Hiscock, of N. Y.</p> | <p>J. W. Throckmorton, of Texas. Wm. R. Morrison, of Ill. John F. House, of Tenn. John K. Luttrell, of Cal. George M. Landers, of Ct. J. R. Chalmers, of Miss. J. B. Elam, of La. Charles O'Neill, of Pa. Henry W. Blair, of N. H. Lucien B. Caswell, of Wis. W. W. Rice, of Mass. Nathan Cole, of Mo. A. S. Hewitt, of N. Y.</p> | <p>Alfred M. Waddell, of N.C. Wm. F. Slemons, of Ark. W. P. Caldwell, of Tenn. Hernan. D. Money, of Miss. D. C. Giddings, of Tex. William W. Garth, of Ala. Joseph G. Cannon, of Ill. Chapman Freeman, of Pa. Andrew Williams, of N. Y. Amos Townsend, of O. John K. Luttrell, of Cal.</p> |
| Ways and Means. | Claims. | District of Columbia. |
| <p>Fernando Wood, of N. Y. J. Randolph Tucker, of Va. Milton Saylor, of O. W. M. Robbins, of N. C. Henry R. Harris, of Ga. Raudall L. Gibson, of La. James Phelps, of Ct. William D. Kelley, of Pa. James A. Garfield, of O. Horatio C. Burchard, of Ill. N. P. Banks, of Mass.</p> | <p>John M. Bright, of Tenn. Levi Warner, of Ct. Joseph J. Davis, of N. C. James B. Reilly, of Pa. H. L. Dickey, of O. Daniel M. Henry, of Md. D. N. Lockwood, of N. Y. T. J. Henderson, of Ill. C. C. Ellsworth, of Mich. S. D. Lindsey, of Me. H. J. B. Cummings, of Ia.</p> | <p>Jos. C. S. Blackburn, of Ky. Eppa Hunton, of Va. Eli J. Henkle, of Md. Hiester Clymer, of Pa. Stephen L. Mayham, of N.Y. Gabriel Bouck, of Wis. George W. Hendee, of Vt. William Claflin, of Mass. Lorenzo Brentano, of Ill. Horace Davis, of Cal. R. W. Townshend, of Ill.</p> |
| Appropriations. | Commerce. | Judiciary. |
| <p>J. D. C. Atkins, of Tenn. James H. Blount, of Ga. O. R. Singleton, of Miss. Hiester Clymer, of Pa. Abram S. Hewitt, of N. Y. Wm. A. J. Sparks, of Ill. Milton J. Durham, of Ky. Eugene Hale, of Me. Charles Foster, of O. A. Herr Smith, of Pa. John H. Baker, of Ind.</p> | <p>John H. Reagan, of Tex. William H. Felton, of Ga. C. B. Roberts, of Md. A. M. Bliss, of N. Y. Miles Ross, of N. J. David Rea, of Mo. John E. Kenna, of W. Va. Morton C. Hunter, of Ind. Mark H. Dunnell, of Minn. Jay A. Hubbell, of Mich. E. Overton, of Pa.</p> | <p>J. Proctor Knott, of Ky. Wm. Pitt Lynde, of Wis. John T. Harris, of Va. William S. Stenger, of Pa. John A. McMahon, of O. D. B. Culberson, of Tex. William F. Frye, of Maine. Benj. F. Butler, of Mass. Omar D. Conger, of Mich. Elb. G. Lapham, of N. Y. William H. Forney, of Ala.</p> |
| Banking and Currency. | Public Lands. | War-Claims. |
| <p>A. H. Buckner, of Mo. Thomas Ewing, of O. A. A. Hardenbergh, of N.J. Jesse J. Yeates, of N. C. William Hartzell, of Ill. Hiram P. Bell, of Ga. E. Kirke Hart, of N. Y. Benj. T. Eames, of R. I. S. B. Chittenden, of N. Y. Greenbury L. Fort, of Ill. Wm. A. Phillips, of Kan.</p> | <p>Wm. R. Morrison, of Ill. Benoni S. Fuller, of Ind. Lucien C. Gause, of Ark. H. B. Wright, of Pa. G. W. Hewitt, of Ala. William E. Smith, of Ga. John H. Ketcham, of N.Y. William F. Sapp, of Ia. Jeff. P. Kidder, of Dak. P. D. Wigginton, of Cal. T. M. Patterson, of Col. Thomas J. Majors, of Neb.</p> | <p>John R. Eden, of Ill. George C. Cabell, of Va. James B. Reilly, of Pa. John W. Caldwell, of Ky. Charles M. Shelley, of Ala. William D. Veeder, of N.Y. Addison Oliver, of Ia. Milton S. Robinson, of Ind. John M. Thompson, of Pa. J. Warren Keifer, of O. B. F. Martin, of West Va.</p> |

COMMITTEES OF THE HOUSE OF REPRESENTATIVES—(Continued).

Public Expenditures.

Robert A. Hatcher, of Mo.
William Hartzell, of Ill.
Chas. B. Benedict, of N. Y.
A. L. Pridemore, of Va.
Ebenezer B. Finley, of O.
Van H. Manning, of Miss.
R. H. M. Davidson, of Fla.
William H. Baker, of N. Y.
Ed. W. Keightley, of Mich.
Theodore W. Burdick, of Ia.
Thomas M. Bayne, of Pa.

Private Land-Claims.

Thomas M. Gunter, of Ark.
Wm. P. Caldwell, of Tenn.
James Williams, of Del.
Gabriel Bouck, of Wis.
R. W. Townshend, of Ill.
Thomas Turner, of Ky.
Dudley C. Denison, of Vt.
John H. Starin, of N. Y.
J. H. McGowan, of Mich.
Richard H. Cain, of S. C.
Geo. A. Bicknell, of Ind.

Manufactures.

Hendrick B. Wright, of Pa.
George C. Dibrell, of Tenn.
Levi Warner, of Ct.
Benjamin Wilson, of W. Va.
Carter H. Harrison, of Ill.
R. M. H. Davidson, of Fla.
Robert F. Ligon, of Ala.
Thos. B. Peddie, of N. J.
Anthony Ittner, of Mo.
Thomas F. Tipton, of Ill.
William J. Bacon, of N. Y.

Agriculture.

Aug. W. Cutler, of N. J.
John M. Glover, of Mo.
James W. Covert, of N. Y.
C. Wyatt Aiken, of S. C.
A. L. Pridemore, of Va.
Ebenezer B. Finley, of O.
Walter L. Steele, of N. C.
Nathaniel C. Deering, of Ia.
Philip C. Hayes, of Ill.
Lewis F. Watson, of Pa.
William H. Calkins, of Ind.

Indian Affairs.

Alfred M. Scales, of N. C.
Andrew R. Boone, of Ky.
Charles E. Hooker, of Miss.
Charles H. Morgan, of Mo.
J. W. Throckmorton, of Tex.
Thomas M. Gunter, of Ark.
George M. Beebe, of N. Y.
Horace F. Page, of Cal.
Nelson H. VanVorhes, of O.
M. I. Townsend, of N. Y.
J. H. Stewart, of Minn.
S. S. Fenn, of Idaho.

Military Affairs.

Henry B. Banning, of O.
Levi Maish, of Pa.
James Williams, of Del.

George G. Dibrell, of Tenn.
A. A. Clark, of N. J.
John H. Evans, of S. C.
Edward S. Bragg, of Wis.
Horace B. Strait, of Minn.
Harry White, of Pa.
Anson G. McCook, of N. Y.
Benjamin F. Marsh, of Ill.

Militia.

Miles Ross, of N. J.
Alfred M. Scales, of N. C.
Eli J. Henkle, of Md.
Frank Jones, of N. H.
David B. Culberson, of Tex.
Thomas Turner, of Ky.
William H. Calkins, of Ind.
Solomon Bundy, of N. Y.
I. Newton Evans, of Pa.
Roberts Smalls, of S. C.
John S. Young, of La.

Naval Affairs.

W. C. Whitthorne, of Tenn.
John Goode, of Va.
Benjamin A. Willis, of N. Y.
Frank Jones, of N. H.
Leopold Morse, of Mass.
William Kimmell, of Md.
Benj. W. Harris, of Mass.
Lorenzo Danford, of O.
Alfred C. Harmer, of Pa.
John Hanna, of Ind.
T. T. Crittenden, of Mo.

Foreign Affairs.

Thomas Swann, of Md.
Samuel S. Cox, of N. Y.
And. H. Hamilton, of Ind.
William H. Forney, of Ala.
Samuel A. Bridges, of Pa.
Benj. Wilson, of W. Va.
James Monroe, of O.
Chas. G. Williams, of Wis.
William W. Crapo, of Mass.
John W. Killinger, of Pa.
Jos. H. Acklen, of La.

Territories.

Benj. J. Franklin, of Mo.
Hay. Y. Riddle, of Tenn.
Jacob Turney, of Pa.
Jas. Taylor Jones, of Ala.
H. L. Muldrow, of Miss.
Leopold Morse, of Mass.
George A. Bagley, of N. Y.
William Aldrich, of Ill.
Thomas B. Reed, of Maine.
Henry S. Neal, of O.
M. Maginnis, of Montana.
J. E. Cravens, of Ark.

Revolutionary Pensions.

L. A. Mackey, of Pa.
Richard P. Bland, of Mo.
E. John Ellis, of La.
Chas. B. Benedict, of N. Y.
Walter L. Steele, of N. C.
B. F. Martin, of W. Va.
William Kimmell, of Md.

Geo. W. Patterson, of N. Y.
Mills Gardner, of O.
I. Newton Evans, of Pa.
Amasa Norcross, of Mass.

Invalid Pensions.

Americus V. Rice, of O.
Gold. W. Hewitt, of Ala.
Hay. Y. Riddle, of Tenn.
William Walsh, of Md.
Levi A. Mackey, of Pa.
James W. Covert, of N. Y.
C. H. Sinnickson, of N. J.
Joseph H. Rainey, of S. C.
Charles H. Joyce, of Vt.
Llewellyn Powers, of Maine.
L. S. Metcalfe, of Mo.

Railway and Canals.

George C. Cabell, of Va.
Thos. T. Crittenden, of Mo.
Charles M. Shelley, of Ala.
James A. McKenzie, of Ky.
Nicholas Muller, of N. Y.
A. A. Clark, of N. J.
James L. Evans, of Ind.
John I. Mitchell, of Pa.
John H. Camp, of N. Y.
George C. Hazleton, of Wis.
Walter L. Steele, of N. C.

Mines and Mining.

George M. Beebe, of N. Y.
Joseph J. Davis, of N. Y.
William H. Felton, of Ga.
Francis D. Collins, of Pa.
Andrew R. Boone, of Ky.
David Rea, of Mo.
Jas. Taylor Jones, of Ala.
Thomas Wren, of Nevada.
Jas. H. Randolph, of Tenn.
W. S. Shallenberger, of Pa.
John W. Stone, of Mich.
Hiram S. Stevens, of Arizo.

Education and Labor.

John Goode, Jr., of Va.
Benoni S. Fuller, of Ind.
Milton I. Southard, of O.
A. S. Willis, of Ky.
John M. Bright, of Tenn.
Hiram P. Bell, of Ga.
Van H. Manning, of Miss.
George B. Loring, of Mass.
Jacob M. Campbell, of Pa.
J. N. Hungerford, of N. Y.
Dudley C. Haskell, of Kan.

Revision of the Laws of the United States.

William Walsh, of Md.
Gilbert C. Walker, of Va.
Richard P. Bland, of Mo.
George A. Bicknell, of Ind.
Hilary A. Herbert, of Ala.
A. S. Willis, of Ky.
Rush Clark, of Ia.
Wm. McKinley, Jr., of O.
E. K. Hart, of N. Y.
Jos. H. Acklen, of La.
Thomas Ryan, of Kan.

COMMITTEES OF THE HOUSE OF REPRESENTATIVES—(Continued).

Coinage, Weights, and Measures.

Alex. H. Stephens, of Ga.
Levi Maish, of Pa.
Robert B. Vance, of N. C.
John B. Clark, Jr., of Mo.
R. M. Knapp, of Ill.
H. L. Muldrow, of Miss.
John B. Clarke, of Ky.
Mark S. Brewer, of Mich.
Thomas Ryan, of Kan.
J. W. Dwight, of N. Y.

Patents.

Robert B. Vance, of N. C.
John B. Clarke, of Ky.
William E. Smith, of Ga.
D. Wyatt Aiken, of S. C.
R. W. Townshend, of Ill.
Aug. W. Cutler, of N. J.
William Ward, of Pa.
H. M. Pollard, of Mo.
James F. Briggs, of N. H.
Edwin Willits, of Mich.
Benjamin Dean, of Mass.

Public Buildings and Grounds.

Phillip Cook, of Ga.
Casey Young, of Tenn.
Benj. J. Franklin, of Mo.
Archibald M. Bliss, of N. Y.
Francis D. Collins, of Pa.
R. F. Ligon, of Ala.
James A. McKenzie, of Ky.
Joseph C. Stone, of Ia.
H. L. Humphrey, of Wis.
John S. Jones, of O.
William Lathrop, of Ill.

Accounts.

Charles B. Roberts, of Md.
John A. McMahon, of O.
J. R. Chalmers, of Miss.
Henry W. Blair, of N. H.
Thomas A. Boyd, of Ill.

Mileage.

Thomas R. Cobb, of Ind.
Anthony Eickhoff, of N. Y.
Samuel A. Bridges, of Pa.
Lorenzo Danford, of O.
Milton S. Robinson, of Ind.

Expenditures in the State Department.

Wm. M. Springer, of Ill.
S. L. Mayham, of N. Y.
Mark H. Dunnell, of Minn.
Thomas M. Bayne, of Pa.
Benjamin Dean, of Mass.
Thos. Turner, of Ky.
Solomon Bundy, of N. Y.

Expenditures in the Treasury Department.

John M. Glover, of Mo.
Henry R. Harris, of Ga.

Wm. H. Forney, of Ala.
Lucien C. Gause, of Ark.
Wm. D. Veeder, of N. Y.
H. L. Dickey, of O.
George A. Bagley, of N. Y.
Michael D. White, of Ind.
Joseph Jorgensen, of Va.

Expenditures in the War Department.

Jos. C. S. Blackburn, of Ky.
Milton A. Candler, of Ga.
Americus V. Rice, of O.
Benj. T. Eads, of R. I.
H. L. Dickey, of O.
Thos. B. Reed, of Me.
John M. Bailey, of N. Y.

Expenditures in the Navy Department.

Benj. A. Willis, of N. Y.
W. C. Whitthorne, of Tenn.
John S. Carlisle, of Ky.
Horace F. Page, of Cal.
Jay A. Hubbell, of Mich.
A. L. Pridemore, of Va.
R. Williams, of Oregon.

Expenditures in the Post-Office Department.

Jer. N. Williams, of Ala.
John W. Caldwell, of Ky.
Lewis F. Watson, of Pa.
Curtis H. Brogden, of N. C.
J. B. Clark, Jr., of Mo.
W. McKinley, of O.

Expenditures in the Interior Department.

Wm. A. J. Sparks, of Ill.
Wm. M. Robbins, of N. C.
D. L. Lockwood, of N. Y.
Addison Oliver, of Ia.
Edwin Willits, of Mich.
T. M. Patterson, of Col.
T. C. Pound, of Wis.

Expenditures on Public Buildings.

William P. Lynde, of Wis.
Jesse J. Yeates, of N. C.
Wm. F. Slemons, of Ark.
William S. Stenger, of Pa.
Amasa Norcross, of Mass.
Rich. Williams, of Oregon.
John M. Bailey, of N. Y.

Expenditures in the Department of Justice.

Edward S. Bragg, of Wis.
Milton J. Durham, of Ky.
John R. Eden, of Ill.
A. A. Hardenberg, of N. J.
John H. Evans, of S. C.
Nicholas Muller, of N. Y.
Omar D. Conger, of Mich.
John T. Walt, of Ct.

Mills Gardner, of O.
Geo. D. Robinson, of Mass.
John S. Young, of La.

On Rules.

The Speaker.
Alex. H. Stephens, of Ga.
Milton Sayler, of O.
Nath. P. Banks, of Mass.
James A. Garfield, of O.

Printing.

Otho R. Singleton, of Miss.
Anthony Eickhoff, of N. Y.
Latimer W. Ballou, of R. I.

Enrolled Bills.

And. H. Hamilton, of Ind.
J. B. Elam, of La.
John E. Kenna, of W. Va.
Nelson H. Van Vorhes, of O.
Joseph H. Rainey, of S. C.

Library.

Samuel S. Cox, of N. Y.
Chas. E. Hooker, of Miss.
Eugene Hale, of Maine.

SELECT COMMITTEES.**Reform in the Civil Service.**

Carter H. Harrison, of Ill.
Philip Cook, of Ga.
William W. Garth, of Ala.
Jordan E. Cravens, of Ark.
Daniel M. Henry, of Md.
Charles H. Morgan, of Mo.
J. D. Cox, of Ohio.
Amaziah B. James, of N. Y.
J. Howard Pugh, of N. J.
Leonidas Sexton, of Ind.
C. N. Potter, of N. Y.

Mississippi Levees.

E. W. Robertson, of La.
Robert A. Hatcher, of Mo.
Hernan. D. Money, of Miss.
H. Casey Young, of Tenn.
R. M. Knapp, of Ill.
George M. Landers, of Ct.
Benj. F. Martin, of W. Va.
Russell Errett, of Pa.
Thaddeus C. Pound, of Wis.
Geo. D. Robinson, of Mass.
Horatio Bisbee, Jr., of Fla.

On the Revision of the Laws Regulating the Counting of the Electoral Votes for President and Vice-President.

Milton I. Southard, of O.
Eppa Hinton, of Va.
C. N. Potter, of N. Y.
John F. House, of Tenn.
George A. Bicknell, of Ind.
Hilliary A. Herbert, of Ala.
John G. Carlisle, of Ky.

COMMITTEES OF THE HOUSE OF REPRESENTATIVES—(Continued).

Benj. F. Butler, of Mass.
Thomas M. Browne, of Ind.
Curtis H. Brogden, of N.C.
Ezekiel S. Sampson, of Ia.

**On Alleged Frauds in
the Late Presidential
Election.**

C. N. Potter, of N. Y.
Wm. R. Morrison, of Ill.
Eppa Hunton, of Va.
Wm. S. Stenger, of Pa.
John A. McMahon, of O.
W. M. Springer, of Ill.
J. S. C. Blackburn, of Ky.
Jacob D. Cox, of O.
Benj. F. Butler, of Mass.
Thos. B. Reed, of Me.
Frank Hiscock, of N. Y.

**To Inquire into the
Causes of the Pres-
ent Depression of
Labor.**

Abram S. Hewitt, of N. Y.
H. Y. Riddle, of Tenn.
Henry L. Dickey, of O.

John R. Tucker, of Va.
J. M. Thompson, of Pa.
Wm. W. Rice, of Mass.
Thomas A. Boyd, of Ill.

On the Census.

Samuel S. Cox, of N. Y.
R. Q. Mills, of Texas.
Robert F. Ligon, of Ala.
William E. Smith, of Ga.
John G. Carlisle, of Ky.
Robert A. Hatcher, of Mo.
Latimer W. Ballou, of R.I.
Joseph Jorgensen, of Va.
Thomas Ryan, of Kan.
Richard Williams, of Or.
Alvah A. Clark, of N. J.

**On Reorganization of
the Army.**

Henry B. Banning, of O.
Geo. G. Dibrell, of Tenn.
Edward S. Bragg, of Wis.
Horace B. Strait, of Minn.
Harry White, of Pa.

**On Transfer of Indian
Bureau.**

Alfred M. Scates, of N. C.
Andrew R. Boone, of Ky.
Chas. E. Hocker, of Miss.
N. H. Van Vorhes, of O.
Jacob H. Stewart, of Minn.

**On the Ventilation of
the Hall.**

Casey Young, of Tenn.
James M. Covert, of N. Y.
Chas. M. Shelley, of Ala.
John G. Carlisle, of Ky.
Benj. F. Butler, of Mass.
Addison Oliver, of Ia.
John W. Stone, of Mich.

**On Epidemic Diseases
in the United States.**

Casey Young, of Tenn.
Randall L. Gibson, of La.
Chas. E. Hooker, of Miss.
John Goode, of Va.
Leopold Morse, of Mass.
James A. Garfield, of O.
Alfred C. Harmer, of Pa.
S. B. Chittenden, of N. Y.

**Table of Representatives in Congress re-elected to the next suc-
ceeding Congress, 1789-1879.**

[Compiled from the full lists of members of each Congress in the Political Register and Con-
gressional Directory, by B. P. Poore, Boston, 1878.]

| CONGRESSES. | Re- elected. | Not re- elected. | CONGRESSES. | Re- elected. | Not re- elected. |
|-----------------------|-----------------|------------------------|------------------------|-----------------|------------------------|
| 1st Congress, 1789-91 | 37 | 28 | 24th Congress, 1835-37 | 125 | 115 |
| 2d " 1791-93 | 45 | 25 | 25th " 1837-39 | 115 | 125 |
| 3d " 1793-95 | 65 | 43 | 26th " 1839-41 | 128 | 112 |
| 4th " 1795-97 | 60 | 54 | 27th " 1841-43 | 61 | 179 |
| 5th " 1797-99 | 73 | 54 | 28th " 1843-45 | 105 | 126 |
| 6th " 1799-1801 | 58 | 55 | 29th " 1845-47 | 103 | 135 |
| 7th " 1801-3 | 72 | 38 | 30th " 1847-49 | 99 | 138 |
| 8th " 1803-5 | 95 | 54 | 31st " 1849-51 | 98 | 131 |
| 9th " 1805-7 | 95 | 52 | 32d " 1851-53 | 86 | 143 |
| 10th " 1807-9 | 92 | 57 | 33d " 1853-55 | 93 | 141 |
| 11th " 1809-11 | 83 | 69 | 34th " 1855-57 | 116 | 122 |
| 12th " 1811-13 | 82 | 65 | 35th " 1857-59 | 115 | 120 |
| 13th " 1813-15 | 97 | 96 | 36th " 1859-61 | 75 | 165 |
| 14th " 1815-17 | 64 | 133 | 37th " 1861-63 | 66 | 129 |
| 15th " 1817-19 | 103 | 92 | 38th " 1863-65 | 94 | 93 |
| 16th " 1819-21 | 89 | 111 | 39th " 1865-67 | 111 | 87 |
| 17th " 1821-23 | 108 | 91 | 40th " 1867-69 | 122 | 121 |
| 18th " 1823-25 | 129 | 91 | 41st " 1869-71 | 117 | 126 |
| 19th " 1825-27 | 129 | 94 | 42d " 1871-73 | 124 | 120 |
| 20th " 1827-29 | 115 | 104 | 43d " 1873-75 | 112 | 181 |
| 21st " 1829-31 | 125 | 93 | 44th " 1875-77 | 153 | 139 |
| 22d " 1831-33 | 108 | 103 | 45th " 1877-79 | 155 | 138 |
| 23d " 1833-35 | 139 | 119 | | | |

EXECUTIVE OFFICERS OF THE UNITED STATES.

EXECUTIVE MANSION.

| OFFICE. | NAME. | Whence Appointed. | Date of Commission. | Salary. |
|----------------------------|---------------------|-------------------|---------------------|----------|
| President of the U. S..... | Rutherford B. Hayes | Ohio..... | March 4, 1877 | \$50,000 |
| Private Secretary..... | W. K. Rogers..... | Minnesota ... | March 4, 1877 | 8,500 |

DEPARTMENT OF STATE.

| | | | | |
|----------------------------|---------------------|--------------|----------------|-------|
| Secretary of State..... | William M. Evarts.. | New York.... | March 12, 1877 | 8,000 |
| Assistant Secretary..... | Fred'k W. Seward.. | New York.... | March 16, 1877 | 3,500 |
| Second Assist. Secretary.. | William Hunter.... | Rhode Island | July 27, 1866 | 3,500 |
| Third Assistant Secretary | Charles Payson.... | Mass..... | June 11, 1878 | 3,500 |
| Chief Clerk..... | Sevellon A. Brown.. | New York.... | Aug. 7, 1873 | 2,500 |
| Examiner of Claims..... | Henry O'Conner.... | Iowa..... | Feb. 9, 1872 | 3,500 |

TREASURY DEPARTMENT.

| | | | | |
|--|----------------------|----------------|----------------|-------|
| Secretary of the Treasury.. | John Sherman..... | Ohio..... | March 8, 1877 | 8,000 |
| Assistant Secretary..... | John B. Hawley.... | Illinois..... | Dec. 6, 1877 | 4,500 |
| Assistant Secretary..... | Henry F. French.... | Massachus'ts | Aug. 12, 1876 | 4,500 |
| Chief Clerk..... | J. K. Upton..... | N. Hampshire | May 1, 1877 | 2,700 |
| Solicitor of the Treasury.. | Kenneth Rayner.... | N. Carolina .. | June 30, 1877 | 4,500 |
| Supervising Architect.... | James G. Hill..... | Massachus'ts | Aug. 11 1876 | 4,500 |
| Chief of Bureau of Engraving and Printing. | Orsamus H. Irish... | Nebraska.... | Oct. 1, 1878 | 4,500 |
| Ch'f of Bureau of Statistics | Joseph Nimmo, Jr.. | New York.... | Sept. 1, 1878 | 2,400 |
| Chief of Warrant Division | Joseph T. Power.... | Pennsylvania | July 1, 1873 | 2,750 |
| Ch'f of Appointment Div'n | Wilson J. Vance.... | Ohio..... | May 6, 1878 | 2,500 |
| Director of the Mint..... | R. E. Preston, Act'g | Tennessee.... | ..... | 4,500 |
| First Comptroller..... | Albert G. Porter.... | Ind..... | Mar. 8, 1878 | 5,000 |
| Second Comptroller..... | William W. Upton.. | Oregon..... | Sept. 26, 1877 | 5,000 |
| Commissioner of Customs | Henry C. Johnson.. | Pennsylvania. | April 8, 1874 | 4,000 |
| Register of the Treasury.. | Glenni W. Scofield. | Pennsylvania. | April 1, 1878 | 4,000 |
| First Auditor..... | Robert M. Reynolds | Alabama..... | April 18, 1878 | 3,600 |
| Second Auditor..... | Ezra B. French..... | Maine..... | Aug. 3, 1861 | 3,600 |
| Third Auditor..... | Horace Anstin..... | Minnesota.... | Jan. 7, 1876 | 3,600 |
| Fourth Auditor..... | Stephen J. W. Tabor | Iowa..... | May 19, 1863 | 3,600 |
| Fifth Auditor..... | Jacob H. Ela..... | N. Hampshire | Dec. 19, 1871 | 3,600 |
| Sixth Auditor..... | Jacob M. McGrew.. | Ohio..... | July 1, 1875 | 3,600 |
| Treasurer of the U. S.... | James Gilfillan ... | Connecticut.. | June 6, 1877 | 6,000 |
| Assistant Treasurer..... | Albert U. Wyman.. | Nebraska.... | June 6, 1877 | 3,600 |
| Compt'r of the Currency.. | John Jay Knox.... | New York.... | April 24, 1872 | 5,000 |
| Com. of Internal Revenue | Green B. Raum.... | Illinois..... | Aug. 2, 1876 | 6,000 |
| Solic'r of Internal Revenue | Charles Chesley.... | N. Hampshire | Oct. 13, 1871 | 4,500 |
| Chairman of Light-House Board. | John Rodgers..... | Dist. of Col.. | June 23, 1878 | |
| Supt. of U. S. Coast Survey | Carlie P. Patterson | California.... | Feb. 17, 1874 | 4,000 |
| Assist. in Charge of Office | Julius E. Hilgard.. | Illinois..... | April 1, 1873 | 4,200 |
| Supervising Surgeon-Gen. | John M. Woodworth | Illinois..... | March 13, 1875 | 4,000 |

DEPARTMENT OF THE INTERIOR.

| | | | | |
|-----------------------------|--------------------|--------------|----------------|-------|
| Secretary of the Interior.. | Carl Schurz..... | Missouri.... | March 12, 1877 | 8,000 |
| Assistant Secretary..... | Alonzo Bell..... | New York.... | April 9, 1877 | 3,500 |
| Chief Clerk..... | Geo. M. Lockwood.. | New York.... | April 10, 1877 | 2,500 |
| Asst. Attorney-General... | Edgar M. Marble... | Michigan.... | March 30, 1877 | 5,000 |

General Land Office.

| | | | | |
|-------------------|---------------------|--------------|---------------|-------|
| Commissioner..... | Jas. A. Williamson. | Iowa..... | June 28, 1876 | 4,000 |
| Chief Clerk..... | Uri J. Baxter..... | Michigan.... | April 1, 1867 | 2,000 |

Pension Office.

| | | | | |
|-------------------|---------------------|---------------|----------------|-------|
| Commissioner..... | John A. Bentley.... | Wisconsin.. | March 23, 1876 | 3,600 |
| Chief Clerk..... | O. P. G. Clarke.... | Rhode Island. | July 16, 1875 | 2,000 |

DEPARTMENT OF THE INTERIOR—(Continued).

Patent Office.

| OFFICE. | NAME. | Whence Appointed. | Date of Commission. | Salary. |
|---|----------------------|-------------------|---------------------|---------|
| Commissioner..... | Halbert E. Paine... | Wisconsin.... | Oct. 31, 1878 | \$4,500 |
| Assistant Commissioner.. | W. H. Doolittle.... | Minnesota.... | July 16, 1878 | 3,000 |
| Chief Clerk..... | F. A. Seeley..... | Pennsylvania.. | April 10, 1877 | 2,250 |
| Examiners-in-chief..... | R. L. B. Clarke..... | Iowa..... | April 13, 1869 | 3,000 |
| | V. D. Stockbridge.. | Maine..... | April 13, 1869 | 3,000 |
| | H. H. Bates..... | New York.... | April 28, 1877 | 3,000 |
| EXAMINERS. | | | | |
| Chemistry, Class B..... | Thomas Antisell.... | Dist. of Col.. | May 10, 1877 | 2,500 |
| Sewing Machines and Textile Machinery..... | Wm. H. Appleton.. | N. Hampshire | July 16, 1872 | 2,500 |
| Official Gazette of the Patent Office..... | John W. Babson.... | Maine..... |1877 | 1,800 |
| Fine Arts..... | William Burke..... | Pennsylvania.. | Dec. 1, 1868 | 2,500 |
| Calorifics—Stoves and Lamps..... | B. R. Catlin..... | New York.... | May 2, 1871 | 2,500 |
| Leather-working Machinery and Products.. | J. P. Chapman..... | Ohio..... | June 1, 1872 | 2,500 |
| Metal Working, Class A.. | J. B. Church..... | Dist. of Col.. | July 10, 1877 | 2,500 |
| Metal Working, Class B.. | S. W. Stocking..... | New York.... | July 9, 1868 | 2,500 |
| Hydraulics and Pneumatics..... | J. B. Durnall..... | Colorado..... | Oct. 1, 1872 | 2,500 |
| Chemistry, Class A..... | R. G. Dyrenforth.... | Illinois..... | May 1, 1871 | 2,500 |
| Agriculture..... | Oscar C. Fox..... | Ohio..... | May 23, 1870 | 2,500 |
| Printing and Stationery.. | Frank L. Freeman.. | Mass..... | Oct. 1, 1872 | 2,500 |
| Steam Engineering..... | Frank Fowler..... | Dist. of Col.. | July 1 1869 | 2,500 |
| Plastics, Ceramics, etc.. | B. S. Hedrick..... | N. Carolina.. | April 10, 1861 | 2,500 |
| Agricultural Products... | J. W. Jayne..... | Pennsylvania.. | May 21, 1861 | 2,500 |
| Civil Engineering..... | B. W. Pond..... | Maine..... | Aug. 7, 1877 | 2,500 |
| Harvesters and Mills... | Jos. G. Parkinson.. | Main..... | June 1, 1869 | 2,500 |
| Carriages, Wagons and Cars..... | Henry P. Sanders.. | New York.... | May 15, 1867 | 2,500 |
| Mechanical Engineering.. | Albin Schoepf..... | Maryland.... | March 14, 1866 | 2,500 |
| Household..... | ..... | ..... | ..... | 2,500 |
| Fire Arms, Navigation, Wood-working, etc..... | W. A. Bartlett..... | New York.... | Dec. 1, 1875 | 2,500 |
| Philosophical..... | H. C. Townsend.... | Maine..... | May 9, 1877 | 2,500 |
| Builders' Hardware, Locks, etc..... | A. G. Wilkinson.... | Connecticut.. | July 1, 1864 | 2,500 |
| Examiner of Interferences | Zenas F. Wilber.... | Ohio..... | May 1, 1877 | 2,500 |
| Trade-Marks and Labels. | James E. M. Bowen. | Dist. of Col.. | May 1, 1875 | 2,250 |

Indian Office.

| | | | | |
|-------------------|--------------------|--------------|--------------|-------|
| Commissioner..... | E. A. Hayt..... | New York.... | Sept. 1877 | 3,000 |
| Chief Clerk..... | Edwin J. Brooks... | N. Hampshire | Feb. 4, 1879 | 2,000 |

Bureau of Education.

| | | | | |
|--------------------------------|--------------------|---------------|----------------|-------|
| Commissioner of Education..... | John Eaton..... | Tennessee.... | March 16, 1870 | 3,000 |
| Chief Clerk..... | Charles Warren.... | Illinois..... | Oct. 1, 1870 | 1,800 |

POST-OFFICE DEPARTMENT.

| | | | | |
|--|---------------------|----------------|----------------|-------|
| Postmaster-General..... | David M. Key..... | Tennessee.... | March 12, 1877 | 8,000 |
| Chief Clerk..... | W. A. Knapp..... | Ohio..... | Aug. 22, 1876 | 2,200 |
| First Assistant Postmaster-General..... | James N. Tyner.... | Indiana..... | March 16, 1877 | 3,500 |
| Second Assistant Postmaster-General..... | Thomas J. Brady.. | Indiana..... | July 24, 1876 | 3,500 |
| Third Assistant Postmaster-General..... | Abraham D. Hazen. | Pennsylvania.. | June 7, 1877 | 3,500 |
| Superintendent of Foreign Mails..... | Jos. H. Blackfan... | New Jersey.. | July 28, 1868 | 3,000 |
| Assistant Attorney-General for Post-Office Department..... | Alfred A. Freeman. | Tennessee.... | May 1, 1877 | 4,000 |
| Superintendent of Money-Order System..... | Chas. F. Macdonald. | Mass..... | July 1, 1865 | 3,000 |

WAR DEPARTMENT.

| OFFICE. | NAME. | Whence Appointed. | Date of Commission. | Salary. |
|---------------------------|-------------------------------------|-------------------|---------------------|---------|
| Secretary of War..... | Geo. W. McCrary .. | Iowa..... | Mar. 12, 1877 | \$8,000 |
| Chief Clerk..... | H. T. Crosby..... | Pennsylvania. | July 25, 1872 | 2,500 |
| Adjutant-General..... | Brig. Gen. E. D. } Townsend..... | Mil. Academy | Feb. 22, 1869 | 5,500 |
| Asst. Adjutant-General... | Col. R. C. Drum.... | Pennsylvania. | Feb. 22, 1869 | 3,500 |
| Chief Clerk..... | R. P. Thian..... | New York,... | July 1, 1871 | 2,000 |
| Inspector-General..... | Brig. Gen. R. B. } Marcy..... | Mil. Academy | Dec. 12, 1878 | 5,500 |
| Quartermaster-General. } | Brig. Gen. M. C. } Meigs..... | Mil. Academy | May 15, 1861 | 5,500 |
| Chief Clerk..... | George K. Fluckel.. | Dist. Col. | July 1, 1871 | 2,000 |
| Paymaster-General..... | Brig. Gen. B. Alvord | Mil. Academy | July 22, 1876 | 5,500 |
| Chief Clerk..... | G. D. Hanson..... | Dist. Col. | Sept. 16, 1877 | 2,000 |
| Commissary-General... } | Brig. Gen. R. Mc- } | Mil. Academy | April 14, 1875 | 5,500 |
| Chief Clerk..... | Feeley..... | Dist. Col. | July 1, 1871 | 2,000 |
| | Richard M. Hanson | | | |
| Surgeon-General..... | Brig. Gen. J. K. } Barnes..... | Pennsylvania. | Aug. 22, 1864 | 5,500 |
| | Col. Chas. H. Crane | Mass'chusetts | July 28, 1866 | 3,500 |
| Assistants..... | Maj. J. J. Woodward | Pennsylvania. | June 26, 1876 | 2,500 |
| | Maj. Jno. S. Billings | Ohio..... | Dec. 2, 1876 | 2,500 |
| | Capt. Geo. A. Otis.. | Mass'chusetts | Feb. 28, 1866 | 2,000 |
| Chief Clerk..... | Samuel Ramsey.... | Virginia..... | July 1, 1871 | 2,000 |
| Judge-Advocate General } | Brig. Gen. Wm. } McKee Dunn... | Indiana..... | Dec. 1, 1875 | 5,500 |
| Chief Clerk..... | Thomas Duke..... | Army..... | Oct. 11, 1876 | 1,800 |
| Chief of Engineers..... | Brig. Gen. A. A. } Humphreys.... | Mil. Academy | Aug. 8, 1866 | 5,500 |
| Assistant in charge of } | Lt. Col. T. L. } | Mil. Academy | Sept. 2, 1874 | 3,000 |
| Public Buildings and } | Casey..... | | | |
| Grounds..... | | | | |
| Chief Clerk..... | Wm. J. Warren. . | New York... | July 1, 1871 | 2,000 |
| Chief Signal Officer..... | Col. Albert J. Myer | New York... | July 28, 1866 | 2,500 |
| Chief Clerk..... | Alexander Ashley.. | Pennsylvania. | July 1, 1874 | 1,800 |
| Chief of Ordnance..... | Brig. Gen. S. V. } Benét..... | Mil. Academy | June 23, 1874 | 5,500 |
| Chief Clerk..... | Valentine McNally. | Mass'chusetts | Dec. 11, 1871 | 2,000 |

Brief History of the Standard Silver Dollar.

Authorized to be coined, Act of April 2, 1792. Weight, 416 grains, standard silver; fineness, 892.4: equivalent to $371\frac{1}{4}$ grains of fine silver, with $44\frac{1}{4}$ grains alloy of pure copper.

Weight changed, Act of January 18, 1837, to $412\frac{1}{2}$ grains, and fineness changed to 900, preserving the same amount of pure silver = $371\frac{1}{4}$ grains, with $\frac{1}{16}$ alloy.

Coinage discontinued, Act of February 12, 1873.

Total amount coined, from 1792 to 1873, \$8,045,838.

Coinage revived, two million dollars per month required to be coined, and issue made legal-tender for all debts, public and private, Act of February 28, 1878.

Total amount coined, February 28, 1878, to December 31, 1878, \$22,495,550.

NAVY DEPARTMENT.

| OFFICE. | NAME. | Whence Appointed. | Date of Commission. | Salary. |
|--|--|-----------------------------|---------------------|---------|
| Secretary of the Navy... | R. W. Thompson... | Indiana..... | March 12, 1877 | \$8,000 |
| Chief Clerk | John W. Hogg... | Tennessee.... | Jan. 1, 1854 | 2,500 |
| Acting Judge-Advocate | Capt. W. B. Reney. | Iowa..... | July 1, 1878 | 2,500 |
| Chief of Bureau of Yards and Docks.... | Com. R. L. Law.... | Indiana..... | July 1, 1878 | 5,000 |
| Chief of Bureau of Navigation..... | Com. W.D. Whiting | Mass'chusetts | June 11, 1878 | 4,000 |
| Chief of Bureau of Ordnance..... | Com. W.N. Jeffers. } | District of Columbia.. } | April 10, '73 | 3,500 |
| Chief of Bureau of Provisions and Clothing. | P. G. Geo. F. Cutter | Mass'chusetts | Nov. 18, 1878 | 4,400 |
| Chief of Bureau of Medicine and Surgery... | Sur. Gen. J. W. Taylor..... | New Jersey } | Oct. 21, 1878 | 3,500 |
| Chief of Bureau of Equipment and Recruiting. | Capt. Earl English. | New Jersey.. | Nov. 20, 1878 | 4,000 |
| Chief of Bureau of Construction and Repair.. | Chief Constructor } | District of Columbia.. } | Apl. 28, 1877 | 3,500 |
| Chief of Bureau of Steam-Engineering.. | J. W. Easby... } | Maryland... } | Feb. 26, 1877 | 4,000 |
| Commandant of Navy Yard, Washington... | Engineer-in-Chief William H. Shock Commodore John C. Febiger..... | Ohio..... | Oct. 10, 1876 | 4,000 |

Navy Pay Office.

| | | | | |
|-----------------|------------------|-------------|--------------|-------|
| Paymaster | J. A. Smith..... | Maine | Nov. 7, 1878 | 4,400 |
|-----------------|------------------|-------------|--------------|-------|

Marine Corps.

| | | | | |
|---------------------------|----------------------------------|---------------|--------------|-------|
| Commandant Marine Corps | Colonel Charles G. McCawley..... | Louisiana.... | Nov. 1, 1876 | 3,500 |
| In charge Marine Barracks | Major Charles Heywood..... | New York.... | Nov. 1, 1876 | 2,500 |

Naval Observatory.

| | | | | |
|---------------------|---------------------------------|---------------------------|----------------|-------|
| Superintendent..... | Rear-Admiral John Rodgers | District of Columbia } | May 1, 1877 | 5,000 |
| | Mordecai Yarnall... | Kentucky.... | Aug. 14, 1848 | 3,500 |
| | Asaph Hall..... | Mass'chusetts | May 2, 1863 | 3,000 |
| Professors..... | William Harkness.. | New York.... | Aug. 24, 1863 | 3,000 |
| | Joseph E. Nourse.. | Dist. of Col.. | May 21, 1864 | 2,000 |
| | John R. Eastman... | N. Hampshire | Feb. 17, 1865 | 3,000 |
| | Edward S. Holden.. | Army | March 21, 1878 | 2,400 |

Nautical Almanac.

| | | | | |
|---------------------|------------------------------|---------------|----------------|-------|
| Superintendent..... | Professor Simon Newcomb..... | Mass'chusetts | Sept. 21, 1861 | 3,500 |
|---------------------|------------------------------|---------------|----------------|-------|

Signal Office.

| | | | | |
|----------------|---------------------------------|---------------|---------------|-------|
| In charge..... | Commodore John C. Beaumont..... | Pennsylvania. | June 14, 1874 | 4,000 |
|----------------|---------------------------------|---------------|---------------|-------|

Hydrographic Office.

| | | | | |
|-------------------|---------------------|-----------|--------------|-------|
| Hydrographer..... | Capt. S.R. Franklin | Penn..... | May 10, 1878 | 4,000 |
|-------------------|---------------------|-----------|--------------|-------|

DEPARTMENT OF JUSTICE.

| | | | | |
|---------------------------|----------------------|----------------|----------------|-------|
| Attorney-General..... | Charles Devens.... | Mass'chusetts | March 12, 1877 | 8,000 |
| Solicitor-General..... | Samuel F. Phillips. | N. Carolina... | Nov. 15, 1873 | 7,000 |
| Assistant Attorney-Gen'l. | Edwin B. Smith... | Maine..... | Aug. 28, 1875 | 5,000 |
| Assistant Attorney-Gen'l. | Thomas Simons.... | New York.... | May 28, 1875 | 5,000 |
| Chief Clerk..... | George C. Wing... | Ohio..... | July 1, 1878 | 2,200 |
| Law Clerk..... | Alexander J. Bentley | " | June 10, 1867 | 2,700 |

DEPARTMENT OF AGRICULTURE.

| | | | | |
|--------------------|--------------------|---------------|---------------|-------|
| Commissioner | William G. Le Duc. | Minnesota.... | June 30, 1877 | 3,000 |
| Chief Clerk..... | E. A. Carman..... | " | July, 1877 | 1,900 |

JUDICIARY OF THE UNITED STATES.

Supreme Court of the United States.

| | Appointed from | Date of Commission. | Salary. |
|------------------------------|-------------------|------------------------|----------|
| Mr. Chief Justice Waite..... | Ohio..... | Jan. 21, 1874.... | \$10,500 |
| Mr. Justice Clifford..... | Maine..... | Jan. 12, 1857..... | 10,000 |
| Mr. Justice Swayne..... | Ohio..... | Jan. 24, 1862..... | 10,000 |
| Mr. Justice Miller..... | Iowa..... | July 16, 1862..... | 10,000 |
| Mr. Justice Field..... | California..... | Mar. 10, 1868..... | 10,000 |
| Mr. Justice Strong..... | Pennsylvania..... | Feb. 18, 1870..... | 10,000 |
| Mr. Justice Bradley..... | New Jersey..... | Mar. 21, 1870..... | 10,000 |
| Mr. Justice Hunt..... | New York..... | Dec. 11, 1872..... | 10,000 |
| Mr. Justice Harlan..... | Kentucky..... | Nov. 29, 1877..... | 10,000 |

OFFICERS OF THE SUPREME COURT.

| | | | |
|--|---------------------------|-----------|---------|
| <i>Clerk.</i> —D. W. Middleton | District of Columbia..... | 1868..... | Fees. |
| <i>Marshal.</i> —John G. Nicolay..... | Illinois..... | 1872..... | \$3,000 |
| <i>Reporter.</i> —William T. Otto..... | Indiana..... | 1875..... | 2,500 |

Circuit Courts of the United States.

First Judicial Circuit.—Mr. Justice Clifford, of Portland, Maine. Districts of—

| | |
|---|----------------|
| Maine, | Massachusetts, |
| New Hampshire, | Rhode Island. |
| Circuit Judge.—John Lowell, Boston, Mass., Dec. 18, 1873..... | \$6,000 |

Second Judicial Circuit.—Mr. Justice Hunt, of Utica, New York. Districts of—

| | |
|--|--------------------|
| Vermont, | Southern New York, |
| Connecticut, | Eastern New York. |
| Northern New York, | |
| Circuit Judge.—Samuel Blatchford, New York City, Mar. 4, 1878..... | \$6,000 |

Third Judicial Circuit.—Mr. Justice Strong, of Philadelphia, Pa. Districts of—

| | |
|--|-----------------------|
| New Jersey, | Western Pennsylvania, |
| Eastern Pennsylvania, | Delaware. |
| Circuit Judge.—Wm. McKennan, Washington, Pa., Dec. 22, 1869..... | \$6,000 |

Fourth Judicial Circuit.—Mr. Chief Justice Waite. Districts of—

| | |
|---|---------------------------------------|
| Maryland, | North Carolina (Eastern and Western). |
| West Virginia, | South Carolina. |
| Virginia (Eastern and Western Districts), | |
| Circuit Judge.—Hugh L. Bond, Baltimore..... | July 13, 1870 \$6,000 |

JUDICIARY OF THE UNITED STATES.

Fifth Judicial Circuit.—Mr. Justice Bradley, of Newark, N. J. Districts of—

| | |
|---|-----------------------------------|
| Georgia (Northern and Southern), | Mississippi (Northern & South'n), |
| Northern Florida, | Louisiana, |
| Southern Florida, | Eastern Texas. |
| Northern, Middle, and Southern Alabama, | Western Texas. |

Circuit Judge.—William B. Woods, Atlanta, Ga., Dec. 22, 1865..... \$6,000

Sixth Judicial Circuit.—Mr. Justice Swayne, of Columbus, Ohio. Districts of—

| | |
|-------------------|---|
| Northern Ohio, | Kentucky, |
| Southern Ohio, | Eastern, Middle, and Western Tennessee. |
| Eastern Michigan, | |
| Western Michigan, | |

Circuit Judge.—John Baxter, Knoxville, Tenn., Dec. 13, 1877..... \$6,000

Seventh Judicial Circuit.—Mr. Justice Harlan, of Louisville, Ky. Districts of—

| | |
|--------------------|--------------------|
| Indiana, | Eastern Wisconsin, |
| Northern Illinois, | Western Wisconsin, |
| Southern Illinois, | |

Circuit Judge.—Thomas Drummond, Winfield, Ill., Dec. 22, 1860..... \$6,000

Eighth Judicial Circuit.—Mr. Justice Miller, of Keokuk, Iowa. Districts of—

| | |
|-------------------|-------------------|
| Minnesota, | Kansas, |
| Iowa, | Eastern Arkansas, |
| Eastern Missouri, | Western Arkansas, |
| Western Missouri, | Nebraska. |

Circuit Judge.—John F. Dillon, Davenport, Iowa, Dec. 22, 1869..... \$6,000

Ninth Judicial Circuit.—Mr. Justice Field, of San Francisco, Cal. Districts of—

| | |
|-------------|---------|
| California, | Nevada. |
| Oregon, | |

Circuit Judge.—Lorenzo Sawyer, San Francisco, Jan. 10, 1870..... \$6,000

United States Court of Claims.

| | Appointed from | Date of Commission. | Salary. |
|--------------------------------------|--------------------|------------------------|---------|
| Charles D. Drake, Chief Justice..... | Missouri..... | Dec. 12, 1870..... | \$4,500 |
| Charles C. Nott..... | New York..... | Feb. 22, 1865..... | 4,500 |
| William A. Richardson..... | Massachusetts..... | June 2, 1874..... | 4,500 |
| J. C. Bancroft Davis..... | New York..... | Jan. 1, 1878..... | 4,500 |
| William H. Hunt..... | Louisiana..... | May 15, 1878..... | 4,500 |



Supreme Court of the District of Columbia.

| | Date of Commission. | Salary. |
|--|---------------------|---------|
| CHIEF-JUSTICE.—David K. Cartter, Ohio..... | March 11, 1863..... | \$4,500 |
| JUSTICES.—Andrew Wylie, D. C..... | March 13, 1863..... | 4,000 |
| David C. Humphries, Ala..... | May 13, 1870..... | 4,000 |
| Arthur MacArthur, Wis..... | July 15, 1870..... | 4,000 |
| Alexander B. Hagner, Md..... | Jan. 21, 1878..... | 4,000 |

JUDGES OF THE UNITED STATES DISTRICT COURTS.

| DISTRICTS. | NAME. | RESIDENCE. | DATE OF COMMISSION. | SALARY. |
|----------------------------|-------------------------|-------------------|---------------------|---------|
| ALABAMA : | | | | |
| (Three Districts).. | John Bruce..... | Montgomery.... | Feb. 27, 1875 | \$3,500 |
| ARKANSAS : | | | | |
| Eastern District.. | Henry C. Caldwell.... | Little Rock.... | June 30, 1864 | 3,500 |
| Western "..... | Isaac C. Parker..... | Fort Smith.... | Mar. 24, 1875 | 3,500 |
| CALIFORNIA..... | Ogden Hoffman..... | San Francisco.. | Feb. 27, 1851 | 5,000 |
| COLORADO..... | Moses Hallett..... | Denver..... | Jan. 20, 1877 | 3,500 |
| CONNECTICUT..... | Nathaniel Shipman.... | Hartford..... | April 17, 1873 | 3,500 |
| DELAWARE..... | Edward G. Bradford.... | Wilmington.... | Dec. 12, 1871 | 3,500 |
| FLORIDA : | | | | |
| Northern District | Thomas Settle..... | Jacksonville.... | Jan. 30, 1877 | 3,500 |
| Southern "..... | James W. Locke..... | Key West..... | Feb. 1, 1872 | 3,500 |
| GEORGIA : | | | | |
| (Two Districts).. | John Erskine..... | Atlanta..... | Jan. 22, 1866 | 3,500 |
| ILLINOIS : | | | | |
| Northern District | Henry W. Blodgett.... | Chicago..... | Jan. 11, 1870 | 4,000 |
| Southern "..... | Samuel H. Treat..... | Springfield.... | Mar. 3, 1855 | 3,500 |
| INDIANA..... | Walter Q. Gresham.... | Indianapolis.... | Dec. 21, 1869 | 3,500 |
| IOWA..... | James M. Love..... | Keokuk..... | Feb. 21, 1866 | 3,500 |
| KANSAS..... | Cassius G. Foster..... | Atchison..... | Mar. 10, 1874 | 3,500 |
| KENTUCKY..... | Bland Ballard..... | Louisville..... | Jan. 22, 1862 | 3,500 |
| LOUISIANA..... | Edward C. Billings.... | New Orleans.... | Feb. 10, 1876 | 4,500 |
| MAINE..... | Edward Fox..... | Portland..... | May 31, 1866 | 3,500 |
| MARYLAND..... | William F. Giles..... | Baltimore..... | Jan. 11, 1854 | 4,000 |
| MASSACHUSETTS..... | Thomas L. Nelson..... | Worcester..... | Jan. 10, 1879 | 4,000 |
| MICHIGAN : | | | | |
| Eastern District.. | Henry B. Brown..... | Detroit..... | Mar. 19, 1875 | 3,500 |
| Western "..... | Solomon L. Withey.... | Grand Rapids.. | Mar. 11, 1863 | 3,500 |
| MINNESOTA : | Rensselaer R. Nelson.. | St. Paul..... | June 1, 1858 | 3,500 |
| MISSISSIPPI..... | | | | |
| (Two Districts).. | Robert A. Hill..... | Oxford..... | May 1, 1866 | 3,500 |
| MISSOURI : | | | | |
| Eastern District.. | Samuel Treat..... | St. Louis..... | Mar. 3, 1857 | 3,500 |
| Western "..... | Arnold Krekel..... | Jefferson City.. | Mar. 31, 1863 | 3,500 |
| NEBRASKA..... | Elmer S. Dundy..... | Falls City..... | April 9, 1868 | 3,500 |
| NEVADA..... | Edgar W. Hillyer..... | Carson City.... | Dec. 21, 1869 | 3,500 |
| NEW HAMPSHIRE..... | Daniel Clark..... | Manchester..... | July 27, 1866 | 3,500 |
| NEW JERSEY..... | John T. Nixon..... | Trenton..... | April 28, 1871 | 4,000 |
| NEW YORK : | | | | |
| Northern District | William J. Wallace.... | Syracuse..... | April 7, 1874 | 4,000 |
| Southern "..... | William G. Choate.... | New York City.. | Mar. 25, 1878 | 4,000 |
| Eastern "..... | Charles L. Benedict.... | Brooklyn..... | Mar. 9, 1865 | 4,000 |
| NORTH CAROLINA : | | | | |
| Eastern District.. | George W. Brooks.... | Elizabeth City.. | Jan. 22, 1866 | 3,500 |
| Western "..... | Robert P. Dick..... | Greensboro.... | June 7, 1872 | 3,500 |
| OHIO : | | | | |
| Northern District | Martin Welker..... | Wooster..... | Nov. 25, 1873 | 3,500 |
| Southern "..... | Phillip B. Swing..... | Batavia..... | Mar. 30, 1871 | 4,000 |
| OREGON..... | Matthew P. Deady..... | Portland..... | Mar. 9, 1859 | 3,500 |
| PENNSYLVANIA : | | | | |
| Eastern District.. | | | | 4,000 |
| Western "..... | Winthrop W. Ketcham.. | Pittsburgh..... | June 26, 1876 | 4,000 |
| RHODE ISLAND..... | John P. Knowles..... | Providence..... | Jan. 24, 1872 | 3,500 |
| SOUTH CAROLINA..... | George S. Bryan..... | Charleston..... | Mar. 12, 1866 | 3,500 |
| TENNESSEE : | | | | |
| East. & Mid. Dist. | Connally F. Trigg..... | Bristol..... | July 17, 1862 | 3,500 |
| Western District.. | Eli S. Hammond..... | Memphis..... | June 17, 1878 | 3,560 |
| TEXAS : | | | | |
| Eastern District.. | Amos Morrill..... | Galveston..... | Feb. 5, 1872 | 3,500 |
| Western "..... | Thomas H. Duval..... | Austin..... | Mar. 3, 1857 | 3,500 |
| VERMONT..... | Hoyt H. Wheeler..... | Jamaica..... | Mar. 16, 1877 | 3,500 |
| VIRGINIA : | | | | |
| Eastern District.. | Robert W. Hughes.... | Norfolk..... | Jan. 14, 1874 | 3,500 |
| Western "..... | Alexander Rives..... | Charlottesville.. | Feb. 6, 1871 | 3,500 |
| WEST VIRGINIA..... | John J. Jackson, Jr.... | Parkersburg.... | Aug. 3, 1861 | 3,500 |
| WISCONSIN : | | | | |
| Eastern District.. | Charles E. Dyer..... | Racine..... | Feb. 10, 1875 | 3,500 |
| Western "..... | Romanzo E. Bunn..... | Madison..... | Oct. 30, 1877 | 3,500 |

DIPLOMATIC SERVICE OF THE UNITED STATES.

[From the Register of the Department of State, December, 1878.]

| COUNTRY. | Name and Rank. | Residence. | Whence Appointed. | Date of Commission. | Salary. |
|--|--|-------------|-------------------|---------------------|---------|
| Argentina Rep.. | Thomas O. Osborn, Min. Res. | Buenos A. | Ill.... | Feb. 10, '74 | \$7,500 |
| Austria-Hungary | John A. Kasson, * E.E. & M.P. | Vienna... | Iowa... | June 11, '77 | 12,000 |
| | John F. Delaplaine, Sec. Leg. | Vienna... | N. Y. | June 1, '69 | 1,800 |
| Belgium..... | Wm. C. Goodloe, Min. Res. | Brussels.. | Ky.... | Mar. 4, '78 | 7,500 |
| Bolivia..... | S. Newton Pettis, M. R. & C. G. | La Paz.... | Pa.... | Sept. 4, '78 | 5,000 |
| Brazil..... | H. W. Hilliard, E. E. & M. P. | Rio de J. | Ga.... | July 31, '77 | 12,000 |
| | John C. White, Sec. Leg.... | Rio de J. | Ill.... | June 28, '78 | 1,800 |
| Central American States: Costa Rica, Guatemala, Honduras, Nicaragua, Salvador | George Williamson, Min. Res. | Guatemala | La.... | May 17, '73 | 10,000 |
| Chile..... | Thos. O. Osborn, E. E. & M. P. | Santiago.. | Kans. | May 31, '77 | 10,000 |
| China..... | Geo. F. Seward, E. E. & M. P. | Peking.... | Cal.... | Jan. 7, '76 | 12,000 |
| | Chest. Holcombe, Sec. & Int. | Peking.... | Aug. 15, '76 | 5,000 | |
| Colombia..... | Ernest Dichman, Min. Res. | Bogota.... | Wis.... | June 15, '78 | 7,500 |
| Denmark..... | Mich. J. Cramer, Chargé d'Aff. | Copenh'g | Ky.... | Aug. 15, '76 | 5,000 |
| France..... | Edw. F. Noyes, E. E. & M. P. | Paris..... | Ohio... | July 1, '77 | 17,500 |
| | Robert R. Hitt, Sec. of Leg. | Paris..... | Ill.... | Dec. 15, '74 | 2,625 |
| | Henri Vignaud, 2d Sec. of Leg | Paris..... | La.... | Dec. 14, '75 | 2,000 |
| Germany..... | H. Sidney Everett, Sec. of Leg. | Berlin.... | Mass... | Aug. 1, '77 | 17,500 |
| | Chapman Coleman, 2d S. Leg. | Berlin.... | Md.... | May 8, '74 | 2,625 |
| Great Britain... | John Welsh, E. E. & M. P.... | London... | Pa.... | Nov. 9, '77 | 2,000 |
| | Wm. J. Hoppin, Sec. of Leg. | London... | N. Y. | June 22, '76 | 17,500 |
| | E. S. Nadal, 2d Sec. of Leg. | London... | N. J. | June 8, '77 | 2,625 |
| Greece..... | John Meredith Read, Ch. d'Aff. | Athens.... | N. Y. | Aug. 15, '76 | 2,000 |
| Hawaiian Is'lds | James M. Comly, Min. Res. | Honolulu. | Ohio... | July 1, '77 | 5,000 |
| Hayti..... | John M. Langston, M. R. & C. G. | Port au P. | D. C. | Sept. 28, '77 | 7,500 |
| Italy..... | Geo. P. Marsh, E. E. & M. P. | Rome.... | Vt.... | Mar. 20, '61 | 12,000 |
| | Geo. W. Wurts, Sec. of Leg. | Rome.... | Pa.... | April 16, '69 | 1,800 |
| Japan..... | John A. Bingham, E. E. & M. P. | Yedo.... | Ohio... | May 31, '73 | 12,000 |
| | Durham W. Stevens, Sec. Leg. | Yedo.... | D. C. | Aug. 6, '73 | 2,500 |
| | David Thompson, Interpreter | Yedo.... | Ohio... | Nov. 18, '74 | 2,500 |
| Liberia..... | John H. Smyth, M. R. & C. G. | Monrovia | N. C. | July 12, '78 | 4,000 |
| Mexico..... | John W. Foster, E. E. & M. P. | Mexico... | Ind.... | Mar. 17, '73 | 12,000 |
| | Daniel S. Richardson, Sec. Leg. | Mexico... | Cal.... | July 28, '75 | 1,800 |
| Netherlands... | James Birney, Min. Res..... | The Hague | Mich. | Jan. 10, '76 | 7,500 |
| Paraguay and Uruguay..... | John C. Caldwell, Ch. d'Aff.. | Montevid. | Me.... | Aug. 15, '76 | 5,000 |
| Peru..... | Richard Gibbs, E. E. & M. P. | Lima.... | N. Y. | April 9, '75 | 10,000 |
| Portugal..... | Benj. Moran, Chargé d'Aff.. | Lisbon... | Pa.... | Aug. 16, '76 | 5,000 |
| Russia..... | E. W. Stoughton, E. E. & M. P. | St. Peters. | N. Y. | Oct. 30, '77 | 17,500 |
| | Wickham Hoffman, Sec. Leg. | St. Peters. | N. Y. | May 31, '77 | 2,625 |
| Spain..... | James R. Lowell, E. E. & M. P. | Madrid... | Mass... | June 11, '77 | 12,000 |
| | Dwight T. Reed, Sec. of Leg. | Madrid... | N. Y. | July 9, '77 | 1,800 |
| Sweden, Norw'y | John L. Stevens, Min. Res. | Stockhol. | Me.... | Aug. 28, '77 | 7,500 |
| Switzerland... | Nichola. Fish, Chargé d'Aff.. | Berne.... | N. Y. | June 20, '77 | 5,000 |
| Turkey..... | Horace Maynard, Min. Res. | Constanti | Tenn. | Mar. 9, '75 | 7,500 |
| | G. H. Heap, Sec. of Leg. and Consul-General. | Constanti | Pa.... | July 12, '78 | 3,000 |
| Venezuela..... | A. A. Gargiulo, Interpreter... | Constanti | ..... | July 1, '73 | 3,000 |
| | Jehu Baker, Min. Res..... | Caracas... | Ill.... | Mar. 4, '78 | 7,500 |

* Envoy Extraordinary and Minister Plenipotentiary.

FOREIGN LEGATIONS IN THE UNITED STATES.

[From the Register of the Department of State, December, 1878.]

| COUNTRY, AND DATE OF PRESENTATION. | NAME. | RANK. |
|--|--|------------------------|
| ARGENTINE REPUBLIC. March 16, 1869. | Señor Don Manuel R. Garcia... | * E. E. and M. P. |
| AUSTRIA-HUNGARY.... October 26, 1873. | Count Ladislav Hoyos..... | E. E. and M. P. |
| BELGIUM..... May 21, 1873. | Mr. Maurice Delfosse..... | E. E. and M. P. |
| BRAZIL..... October 9, 1871. | Councillor A. P. de Carvalho Borges. | E. E. and M. P. |
| CHINA..... September 28, 1878. | Chen Lan Pin..... | E. E. and M. P. |
| COSTA RICA..... March 21, 1876. | Yung Wing..... | Ass't. E. E. and M. P. |
| DENMARK..... December 8, 1875. | Señor Don Manuel M. Peralta . | Minister Resident. |
| FRANCE..... February 23, 1877. | Mr. J. H. de Heggermann-Lin- dencrone. | Minister Resident. |
| GERMANY..... August 1, 1871. | Mr. Max Outrey..... | E. E. and M. P. |
| GREAT BRITAIN..... February 7, 1868. | Mr. Kurd Von Schlözer..... | E. E. and M. P. |
| GUATEMALA..... October 25, 1872. | The Right Honorable Sir Ed- ward Thornton, K. C. B. | E. E. and M. P. |
| HAWAII..... January 14, 1870. | Señor Don Vicente Dardon... | E. E. and M. P. |
| HAYTI..... February 18, 1873. | Mr. Elisha H. Allen..... | E. E. and M. P. |
| ITALY..... November 12, 1875. | Mr. Stephen Preston..... | E. E. and M. P. |
| JAPAN..... December 18, 1874. | Baron Albert Blanc..... | E. E. and M. P. |
| MEXICO..... May 7, 1873. | Jushie Yoshida Kiyonari..... | E. E. and M. P. |
| NETHERLANDS..... April 27, 1875. | Señor Don Manuel M. de Zama- cona. | E. E. and M. P. |
| PARAGUAY..... December 7, 1877. | Mr. de Pestel..... | Minister Resident. |
| PORTUGAL..... October 8, 1878. | Dr. Don Benjamin Aceval..... | E. E. and M. P. |
| RUSSIA..... October 29, 1875. | Viscount das Nogueiras..... | E. E. and M. P. |
| SALVADOR..... February 13, 1874. | Mr. Nicholas Shishkin..... | E. E. and M. P. |
| SPAIN..... February 3, 1879. | Señor Don Vicente Dardon.... | M. P. |
| SWEDEN AND NORWAY. May 8, 1876. | Señor Don Felipe Mendez Vigo. | E. E. and M. P. |
| TURKEY..... October 14, 1873. | Count Carl Lewenhaupt..... | E. E. and M. P. |
| VENEZUELA..... June 5, 1874. | Gregoire Aristarchi Bey..... | E. E. and M. P. |
| | Señor Don Juan B. Dalla Costa. | E. E. and M. P. |

* Envoy Extraordinary and Minister Plenipotentiary.

UNITED STATES CONSULAR SERVICE.

THE following table includes all consuls, consuls-general, and commercial agents of the United States, the amount of whose compensation reaches \$1000, or upwards, annually. By the act of June 1st, 1874, the salaried consulates are divided into seven classes, besides other subdivisions, with specific fixed salaries for each, as follows :

| | | | |
|-------------------------|---------|-------------------------------|---------|
| Five consulates at..... | \$5,000 | Twenty-one consulates at..... | \$1,000 |
| Two " at..... | 5,000 | Sixteen " at..... | 2,500 |
| One consulate at..... | 4,500 | Thirty-seven " at..... | 2,000 |
| Six consulates at..... | 4,000 | Forty-seven " at..... | 1,500 |
| Eight " at..... | 3,500 | Eighteen " at..... | 1,000 |

By law, all consuls receiving a fixed salary are required to pay into the Treasury, without reduction, all fees received by virtue of their offices. At other consulates and consular agencies the fees collected form the sole compensation of the incumbent, which, however, is limited in the case of consular agents to a maximum of \$1000, and such agents are usually allowed to transact business. Consuls whose salaries do not exceed \$1500, and from whose consulates without the agencies fees are paid into the Treasury to the amount of \$3000 a year, are compensated at \$2000 a year. The compensation of the feed consuls is limited to \$2500. If the fees exceed that sum, such consuls can pay clerk-hire from the fees received at the consulate when specially authorized, but not otherwise. The column of fees shows the amount of fees received at each consulate and agency from which returns have been made for the year ending December 31st, 1876.

From the Register of the Department of State, December, 1877.

CONSULS OF THE UNITED STATES.

C.A. means Commercial Agent ; C.G., Consul-General ; C.C., Consular Clerk.

| PLACE. | NAME. | STATE. | Date Appointed. | Salary. | Fees in 1877. |
|----------------------------|--------------------------------|------------|-----------------|---------|---------------|
| Argentine Republic. | | | | | |
| Buenos Ayres..... | Edward L. Baker..... | Ill..... | Jan. 8, '74 | \$1,000 | \$3,393 13 |
| Austria-Hungary. | | | | | |
| Prague..... | Charles A. Phelps..... | Mass..... | Feb. 22, '77 | 2,000 | 3,010 57 |
| Trieste..... | Alex. W. Thayer..... | N. Y..... | Nov. 1, '64 | 2,000 | 2,072 46 |
| Vienna..... | P. Sidney Post, C. G. Ill..... | Ill..... | June 17, '74 | 3,000 | 5,615 50 |
| Barbary States. | | | | | |
| Tangier..... | Felix A. Mathews..... | Cal..... | July 9, '70 | 3,000 | 13 00 |
| Tunis..... | George W. Fish..... | Mich..... | July 13, '78 | 3,000 | 15 00 |
| Belgium. | | | | | |
| Antwerp..... | James Riley Weaver..... | W. Va..... | Mar. 17, '70 | 2,500 | 2,842 10 |
| Brussels..... | John Wilson..... | Pa..... | Jan. 18, '72 | 2,500 | 2,673 01 |
| Verviers..... | George C. Tanner..... | S. C..... | Mar. 12, '78 | 1,500 | 656 50 |
| Brazil. | | | | | |
| Bahia..... | Richard A. Edes..... | D. C..... | June 12, '65 | 1,500 | 984 63 |
| Para..... | Asa C. Prindle..... | N. Y..... | Aug. 6, '78 | 1,000 | 1,671 60 |
| Pernambuco..... | Andrew Cone..... | Pa..... | July 24, '78 | 2,000 | 1,135 07 |
| Rio Grande..... | John L. Frisbie..... | Mich..... | July 8, '78 | 1,000 | 547 63 |
| Rio de Janeiro..... | Thomas Adamson..... | Pa..... | April 10, '78 | 6,000 | 7,211 65 |
| Chili. | | | | | |
| Talcahuano..... | William Crosby..... | Ohio..... | Mar. 11, '75 | 1,000 | 553 82 |
| Valparaiso..... | ..... | ..... | ..... | 3,000 | 1,513 81 |

UNITED STATES CONSULAR SERVICE—(Continued).

| PLACE. | NAME. | STATE. | Date Appointed. | Salary. | Fees in 1877. |
|------------------------------|------------------------|---------|-----------------|---------|---------------|
| China. | | | | | |
| Amoy..... | Joseph J. Henderson | Oregon. | April 15, '73 | \$3,500 | \$3,059 61 |
| Canton..... | Charles P. Lincoln... | Miss. | May 28, '75 | 3,500 | 525 82 |
| Chin-Kiang..... | | | | 3,500 | 586 18 |
| Foo-Chow..... | M. M. De Lano..... | Col. | April 20, '69 | 3,500 | 788 61 |
| "..... | K. B. Lee, Interpreter | | June 8, '75 | 1,500 | ..... |
| Hankow..... | Isaac F. Shepard..... | Mo. | Nov. 3, '70 | 3,500 | 1,186 20 |
| Ningpo..... | Edward C. Lord..... | N. Y. | Mar. 18, '67 | 3,500 | 179 59 |
| Shanghai..... | C. G. | | | 5,000 | 9,299 77 |
| "..... | O. B. Bradford, C. C. | Pa. | May 27, '67 | 1,200 | ..... |
| "..... | D. B. McCartee, Int. | Ohio. | Aug. 9, '77 | 2,000 | ..... |
| Tien-Tsin..... | Owen N. Denny..... | Oregon. | May 1, '77 | 3,500 | 218 39 |
| "..... | Wm. N. Pethick, Int. | | June 8, '75 | 2,000 | ..... |
| Colombia, U.S. of | | | | | |
| Aspinwall..... | James Thorington... | Iowa... | May 27, '73 | 3,000 | 3,877 29 |
| Panama..... | Owen M. Long..... | Ill. | April 7, '69 | 3,000 | 1,967 50 |
| Sabanilla..... | Elias P. Pellet..... | N. Y. | June 17, '74 | 1,000 | 2,504 45 |
| Denmark, &c. | | | | | |
| Copenhagen..... | Henry B. Ryder..... | | April 7, '74 | 1,500 | 197 39 |
| St. Thomas..... | Volney V. Smith..... | Ark. | April 12, '75 | 2,500 | 1,425 22 |
| Ecuador. | | | | | |
| Guayaquil..... | Phanor M. Eder..... | Nevada | Aug. 15, '76 | 1,000 | 974 00 |
| France and Dominions. | | | | | |
| Algiers..... | | | | Fees. | ..... |
| "..... | C. F. Thirion, C. C. | D. C. | Jan. 8, '70 | 1,200 | ..... |
| Bordeaux..... | Benj. Gerrish, Jr. | N. H. | Oct. 24, '73 | 2,500 | 6,126 78 |
| Calais..... | J. P. Vendroux, Agt. | | Mar. 21, '63 | ..... | 1,255 85 |
| Cognac..... | Thos. P. Smith, Agt. | | Aug. 23, '73 | ..... | 1,539 50 |
| Guadaloupe..... | Chas. Bartlett..... | Me. | Mar. 12, '78 | Fees. | 1,197 55 |
| Havre..... | John A. Bridgland... | Ind. | Oct. 7, '73 | 3,000 | 6,593 47 |
| Lyons..... | Benj. F. Pelxotto, C. | Cal. | Feb. 14, '78 | 2,500 | 8,317 00 |
| Marseilles..... | John B. Gould..... | Me. | June 11, '78 | 2,500 | 2,902 47 |
| Martinique..... | Walter H. Garfield... | Mass. | Nov. 13, '77 | 1,500 | 1,815 26 |
| Nantes..... | Geo. Gifford..... | Me. | May 31, '78 | 1,000 | ..... |
| Nice..... | William H. Vesev..... | D. C. | Oct. 1, '70 | 1,500 | 430 50 |
| Paris..... | Lucius Fairchild..... | Wis. | May 22, '78 | 6,000 | 40,778 50 |
| Rhems..... | A. Gouverneur Gill... | N. Y. | Mar. 1, '67 | Fees. | 1,392 50 |
| St. Etienne..... | Wm. F. Grinnell..... | Mass. | Nov. 13, '77 | Fees. | 1,523 50 |
| Friendly Isl'ds. | | | | | |
| Apia..... | Thomas M. Dawson... | Cal. | April 10, '78 | 1,000 | 152 02 |
| Germany. | | | | | |
| Aix la Chapelle... | James T. Du Bois... | Pa. | Nov. 2, '77 | Fees. | 1,331 50 |
| Barmen..... | Edgar Stanton..... | Ill. | Jan. 13, '75 | 2,000 | 7,576 00 |
| Berlin..... | H. Kreismann, C. G. | Ill. | June 17, '74 | 4,000 | 6,164 00 |
| "..... | Ed. P. McLean, C. C. | N. Y. | Nov. 18, '70 | 1,200 | ..... |
| Bremen..... | Wilson King..... | Pa. | Feb. 25, '70 | 2,500 | 2,690 50 |
| Brunswick..... | William C. Fox..... | Mo. | Mar. 28, '76 | Fees. | 2,085 50 |
| Chemnitz..... | Nathan K. Griggs... | Neb. | Aug. 5, '78 | 2,000 | 9,195 00 |
| Cologne..... | Geo. E. Bullock..... | Ind. | | 2,000 | 1,452 50 |
| Crefeld..... | Bret Harle..... C. A. | Cal. | May 6, '78 | Fees. | 3,507 50 |
| Dresden..... | Joseph T. Mason..... | Va. | Mar. 8, '76 | 2,500 | 8,344 00 |
| Frankfort..... | Alfred E. Lee, C. G. | Ohio. | April 5, '77 | 3,000 | 3,158 50 |
| Geestemunde..... | Wolfgang Schoenic... | Ohio. | Mar. 5, '78 | Fees. | 2,096 99 |
| Hamburg..... | John M. Wilson..... | Ohio. | Feb. 25, '76 | 2,500 | 5,393 98 |
| Kehl..... | L. Schwartzmann..... | | April 30, '72 | ..... | 1,115 50 |
| Leipzig..... | John H. Steuart..... | Pa. | Sept. 9, '70 | 2,000 | 5,266 50 |
| Mannheim..... | Edward M. Smith..... | N. Y. | Jan. 17, '76 | \$1,500 | \$1,753 50 |
| Mayence..... | August Heidelberg... | | July 24, '77 | ..... | 2,352 00 |
| Munich..... | G. Henry Horstmann... | Pa. | April 19, '69 | 1,500 | 1,038 50 |
| Nuremberg..... | James M. Wilson..... | Mo. | Mar. 31, '71 | 2,000 | 4,161 50 |
| Sonneberg..... | Henry J. Winsor..... | N. J. | April 16, '69 | 2,000 | 3,925 50 |
| Stettin..... | Leop. Burckhardt... | Ohio. | Mar. 26, '78 | 1,000 | 247 95 |
| Stuttgart..... | Joseph S. Potter..... | Mass. | Mar. 11, '75 | 1,500 | 1,741 50 |

UNITED STATES CONSULAR SERVICE—(Continued).

| PLACE. | NAME. | STATE. | Date Appointed. | Salary. | Fees in 1877. |
|---------------------------------|------------------------|----------|--------------------|---------|------------------|
| Great Britain and Dominions. | | | | | |
| Auckland | Geo. W. Roosevelt... | Pa..... | Mar. 23, '73 | \$1,500 | \$642 05 |
| Barbadoes | Woodb'ry H. Polleys | N. Y.... | June 19, '78 | 1,500 | 3,210 01 |
| Belfast | James M. Donnan. | Va..... | May 12, '73 | 2,500 | 9,047 93 |
| Belleville, Canada. | William D. Fuller... | | Dec. 4, '76 | ..... | 1,235 00 |
| Bermuda | Chas. M. Allen. | N. Y.... | Aug. 7, '61 | 1,500 | 1,736 73 |
| Birmingham..... | Eugene Schuyler... | N. Y.... | July 10, '78 | 2,500 | 4,652 50 |
| Bradford | Charles O. Shepard. | N. Y.... | June 6, '77 | 3,000 | 11,435 00 |
| Bristol | Theodore Canisius. | Ill..... | Jan. 13, '75 | 1,500 | 1,276 35 |
| Brockville | E. A. Buckman, Agt. | | May 4, '75 | ..... | 1,112 50 |
| Calcutta | A. C. Litchfield, C.G. | Mich. | May 23, '71 | 5,000 | 5,933 75 |
| Cape Town..... | W. W. Edgecomb. | Me..... | April 19, '71 | 1,500 | 669 32 |
| Cardiff | William Wirt Sikes. | N. Y.... | June 8, '76 | 2,000 | 2,171 75 |
| Ceylon | William Morey. | Me..... | Aug. 9, '77 | 1,000 | ..... |
| Charlottet'n, P. E. I. | David M. Dunn. | Ind..... | Mar. 15, '71 | 1,500 | 1,065 11 |
| Chatham, Canada. | W. McCutchen, Agt. | | Sept. 11, '76 | ..... | 976 50 |
| Clifton | Robert S. Chilton. | D. C.... | Feb. 2, '71 | 1,500 | 446 50 |
| Coaticook | Edwin Vaughan. | N. H.... | April 16, '69 | 2,000 | 5,607 50 |
| Cork | Lewis Richmond. | R. I.... | May 17, '75 | 2,000 | 911 02 |
| Demerara | Philip Figyelmesy. | D. C.... | Jan. 30, '65 | 3,000 | 2,067 80 |
| Dublin | Ben. H. Barrows. | Nebr... | Feb. 25, '76 | 2,000 | 1,531 26 |
| Dundee | M. McDougall. | N. Y.... | Aug. 2, '71 | 2,000 | 6,479 41 |
| Dunfermline..... | Henry R. Myers. | Ala..... | July 2, '78 | Fees. | ..... |
| Fort Erie | Andrew C. Phillips. | Me..... | April 16, '69 | 1,500 | 755 50 |
| Gaspé Basin..... | George H. Holt. | N. Y.... | April 17, '71 | 1,000 | No Fees. |
| Gibraltar | Horatio J. Sprague. | Mass... | May 12, '48 | 1,500 | 1,080 67 |
| Glasgow | Samuel F. Cooper. | Iowa... | Aug. 5, '76 | 3,000 | 8,831 77 |
| Greenock | Emanuel Newell, Agt. | | May 15, '73 | 1,500 | 965 14 |
| Guelph, Canada .. | Warren A. Worden, A. | N. Y.... | Nov. 21, '77 | ..... | 1,833 00 |
| Halifax | Mortimer M. Jackson | Wis.... | Aug. 1, '61 | 2,000 | 2,301 70 |
| Hamilton, Canada. | Frank Leland. | Wis.... | Feb. 7, '78 | 2,000 | 1,285 75 |
| Hong-Kong | John S. Mosby. | Va..... | Aug. 58, '78 | 4,000 | 13,426 92 |
| Huddersfield..... | C. W. Whitman, Agt. | | Feb. 7, '77 | ..... | 1,832 50 |
| Hull | Joseph Atkinson. | | Dec. 23, '73 | ..... | 1,841 77 |
| Kingston, Canada. | M. H. Twitchell. | La..... | April 1, '78 | 1,500 | 526 50 |
| Kingston, Jamaica. | George E. Hoskinson | Wis.... | Dec. 20, '75 | 2,000 | 3,211 99 |
| Lanthal, F. I..... | G. W. Griffin. | C. A. Ky | Mar. 6, '78 | 1,000 | 69 83 |
| Leeds | Alfred V. Dockery. | N. C.... | Feb. 18, '78 | 2,000 | 1,232 00 |
| Leicester | J. Barber Haxby, Agt. | | Nov. 16, '69 | ..... | 1,465 00 |
| Leith | John T. Robeson. | Tenn... | July 9, '70 | 2,000 | 1,766 08 |
| Liverpool | Stephen B. Packard | La..... | May 22, '78 | 6,000 | 40,244 84 |
| London | Adam Badeau, C.G. | N. Y.... | April 28, '70 | 6,000 | 38,159 03 |
| London, Canada .. | Wm. F. Blake, Agt. | | April 18, '72 | ..... | 1,554 25 |
| Mahé (Seychelles). | Thomas T. Prentiss. | Vt..... | Dec. 19, '71 | 1,500 | 189 30 |
| Manchester | Albert D. Shaw. | N. Y.... | April 24, '78 | 3,000 | 14,305 00 |
| Melbourne..... | Oliver M. Spencer. | Iowa... | June 4, '76 | 4,500 | 2,190 00 |
| Montreal | John Q. Smith, C.G. | Ohio... | Feb. 18, '73 | 4,000 | 3,600 02 |
| Napanee, Canada. | W. V. Detlor. |  | ..... | ..... | 1,174 50 |
| Nassau | T. J. McLain, Jr. | Ohio... | Dec. 14, '77 | 2,000 | 1,409 72 |
| Newcastle | Evan R. Jones. | Wis.... | April 16, '69 | 1,500 | 945 00 |
| Newcastle, N. S. W. | George Mitchell. | | July 23, '67 | ..... | 1,433 25 |
| Nottingham | Jasper Smith, C.A. | D. C.... | May 23, '77 | Fees. | 6,144 50 |
| Ottawa, Canada .. | A. Cummings, C. A. | D. C.... | Mar. 7, '78 | Fees. | 1,997 00 |
| Paris, Canada | E. M. Sharp, Agt. | | July 3, '78 | ..... | 1,182 00 |
| Picton, N. S. | Oscar Malmros. | Minn... | May 4, '70 | 1,500 | 250 60 |
| Port Elizabeth..... | Alphonso Taylor. | | Nov. 27, '71 | ..... | 1,055 67 |
| Port Hope, Canada. | La Rue Peck. | | April 12, '76 | ..... | 1,155 50 |
| Port Louis | Harry C. Marston. | Ill..... | Aug. 27, '78 | 2,000 | 638 20 |
| Port Sarnia, Canada | Samuel D. Pace. | Mich... | April 19, '69 | 1,500 | 1,196 50 |
| Port Stanley, F. I.. | George Gerard. | Pa..... | June 17, '74 | 1,500 | 5 87 |
| P't St'y & St. Thos. | G. C. Baker, C. A. | Me..... | June 20, '78 | Fees. | 1,049 50 |
| Prescott | Sanford S. Blodgett. | N. Y.... | May 7, '78 | 1,500 | 640 00 |
| Quebec | John N. Wasson. | Ill..... | April 24, '78 | 1,500 | 840 36 |
| Redditch | H. C. Browning, Agt. | | June 22, '71 | ..... | 1,172 50 |
| Sheffield | Claudius B. Webster | Conn... | July 11, '70 | 2,500 | 4,117 50 |
| Singapore | Adolph G. Studer. | Iowa... | May 23, '71 | 1,500 | 2,133 65 |
| Southampton..... | Wm. Thomson. | D. C.... | Aug. 6, '78 | 1,000 | 468 88 |
| St. Georges, Berm'a | C. P. Williams, C. A. | N. Y.... | Oct. 2, '78 | Fees. | 1,546 73 |
| St. Helena | James W. Siler. | Ark..... | Feb. 16, '77 | 1,500 | 841 13 |
| St. Helen's | John Hammill. | | Oct. 19, '65 | ..... | 2,369 49 |
| St. John, N. B. | Darius B. Warner. | Ohio... | May 4, '66 | 2,000 | 3,457 92 |

UNITED STATES CONSULAR SERVICE—(Continued).

| PLACE. | NAME. | STATE. | Date Appointed. | Salary. | Fees in 1877. |
|-------------------------------------|-----------------------------------|----------|-----------------|-----------------|---------------|
| St. John's, N. F. | Thos. N. Molloy.... | N. Y.... | Mar. 18, '67 | Fees. | \$1,054 47 |
| St. John's, Quebec. | Robert J. Saxe..... | Vt..... | Dec. 17, '74 | \$1,500 | 1,067 70 |
| Sydney..... | James H. Williams.... | Me..... | Feb. 1, '76 | Fees. | 1,755 12 |
| Toronto..... | Wm. C. Howells..... | Ohio.... | April 24, '78 | 2,000 | 2,699 50 |
| Trinidad..... | Fulton Paul..... | N. Y.... | May 27, '74 | Fees. | 2,225 01 |
| Tunstall..... | Josiah M. Lucas..... | Ill..... | June 16, '71 | 2,500 | 6,275 00 |
| Victoria..... | Allen Francis..... | Oregon.. | June 18, '77 | Fees. | 1,684 09 |
| Windsor, Canada... | John H. Jenks, C. A. | Ill..... | Sept. 15, '77 | 1,500 | 1,178 50 |
| Windsor, N. S..... | Dan. K. Hobart..... | Me..... | May 28, '72 | 1,000 | 1,016 43 |
| Winnipeg..... | James W. Taylor.... | Minn.... | Sept. 14, '70 | 1,500 | 640 40 |
| Hawaii. | | | | | |
| Honolulu..... | James Scott..... | Ohio.... | Aug. 22, '74 | 4,000 | 5,432 86 |
| "..... | F. P. Hastings..C. C. | "..... | June 11, '77 | 1,000 | ..... |
| Hayti. | | | | | |
| Anx Cayes..... | Thomas Dutton..... | "..... | Feb. 27, '77 | ..... | 971 15 |
| Cape Haytien..... | Stanislas Goutier.... | Pa..... | July 9, '70 | 1,000 | 511 55 |
| Port au Prince.... | J. M. Langston, C.G. | D. C.... | Sept. 28, '77 | 7,500 | 1,504 74 |
| Honduras. | | | | | |
| Omoa and Truxillo. | Frank E. Frye..... | Mc..... | April 24, '74 | 1,000 | 271 33 |
| Italy. | | | | | |
| Florence..... | J. Schuyler Crosby.. | N. Y.... | Aug. 15, '76 | 1,500 | 1,689 00 |
| Genoa..... | John F. Hazleton.... | N. Y.... | June 8, '78 | 1,500 | 1,888 20 |
| Leghorn..... | Mannel Govin..... | Fla..... | Nov. 20, '77 | 1,500 | 1,809 02 |
| Messina..... | George H. Owen..... | Vt..... | July 12, '75 | 1,500 | 2,962 94 |
| Naples..... | B. Odell Duncan..... | S. C.... | June 1, '69 | 1,500 | 1,479 25 |
| Palermo..... | Sampson P. Bayly.... | Va..... | Aug. 31, '76 | 1,500 | 4,900 84 |
| Rome..... | Chas. McMillan, C.G. | N. Y.... | April 10, '76 | 3,000 | 574 50 |
| "..... | Chas. M. Wood, C.C. | Vt..... | Mar. 21, '73 | 1,000 | ..... |
| Venice..... | "..... | "..... | "..... | 1,000 | 414 93 |
| Japan. | | | | | |
| Kanagawa..... | T. B. Van Buren, C.G. | N. J.... | June 17, '74 | 4,000 | 6,998 60 |
| "..... | George E. Rice, Int. and V. C. G. | "..... | Nov. 5, '78 | 2,000 | ..... |
| "..... | Edward H. Mudget, Marshal. | "..... | Nov. 12, '78 | 1,000 and fees. | ..... |
| Nagasaki..... | Willie P. Mangum.... | N. C.... | Mar. 18, '65 | 3,000 | 443 07 |
| "..... | Rodney H. Powers, Marshal. | "..... | Sept. 22, '73 | 1,000 and fees. | ..... |
| Osaka and Higo... | Julius Stahel..... | N. Y.... | Feb. 6, '78 | 3,000 | 2,460 20 |
| Liberia. | | | | | |
| Monrovia..... | James H. Smyth, C.G. | N. C.... | May 23, '78 | 4,000 | 45 32 |
| Madagascar. | | | | | |
| Tamatave..... | Wm. W. Robinson.... | Wis.... | Mar. 16, '75 | 2,000 | 64 95 |
| Mexico. | | | | | |
| Acapulco..... | John A. Sutter, Jr.. | Cal.... | July 13, '70 | 2,000 | 1,162 37 |
| Guaymas..... | Alexander Willard.... | Cal.... | Sept. 16, '67 | 1,000 | 604 55 |
| Matamoras..... | Warner P. Sutton.... | Mich... | Mar. 18, '78 | 2,000 | 656 50 |
| Mazatlan..... | Edward G. Kelton.... | "..... | Mar. 11, '75 | Fees. | 1,297 90 |
| Merida..... | A. G. Leepinasse.... | N. Y.... | Oct. 27, '74 | ..... | 1,021 15 |
| Mexico..... | "..... | "..... | "..... | 2,000 | 125 95 |
| Tampico..... | Ang. J. Cascard..... | La..... | Dec. '78 | 1,500 | 551 19 |
| Vera Cruz..... | S. T. Trowbridge.... | Ill..... | April 19, '60 | 3,000 | 1,841 43 |
| Muscat. | | | | | |
| Zanzibar..... | William H. Hathorne | Mass... | Aug. 2, '76 | 1,000 | 426 03 |
| Netherlands, &c. | | | | | |
| Amsterdam..... | David Eckstein..... | Ohio.... | April 24, '78 | 1,500 | 1,068 C1 |
| Batavia..... | Pliny M. Nickerson.. | Mass... | April 19, '71 | 1,000 | 827 27 |
| Curaçoes..... | Wm. H. Faxon..... | Conn... | April 23, '70 | Fees. | 1,554 06 |
| Rotterdam..... | John F. Winter..... | Ill..... | Aug. 3, '77 | 2,000 | 2,251 84 |
| Schiedam..... | W. H. C. Tansen, Agt. | "..... | April 22, '70 | ..... | 1,459 00 |
| Nicaragua. | | | | | |
| San Juan del Norte and Punta Arenas | Henry S. Lasar, C. | Mo..... | Oct. 17, '78 | 1,000 | 703 37 |

UNITED STATES CONSULAR SERVICE—(Continued).

| PLACE. | NAME. | STATE. | Date Appointed. | Salary. | Fees in 1877. |
|------------------------------|------------------------------|---------------|-----------------|-----------------|---------------|
| Peru. | | | | | |
| Callao..... | Robert T. Clayton.. | Ga..... | June 12, '77 | \$1,500 | \$3,333 26 |
| Portugal, &c. | | | | | |
| Fayal..... | Samuel W. Dabney.. | Mass... | July 23, '72 | 1,500 | 812 78 |
| Funchal..... | Thomas B. Reid..... | Me..... | July 5, '77 | 1,500 | 205 68 |
| Lisbon..... | Henry W. Diman..... | R. I..... | July 12, '70 | 2,000 | 681 11 |
| Santiago, Cp. Verde | Thomas M. Terry..... | Mich... | Aug. 15, '76 | 1,000 | 167 74 |
| St. Paul de Loanda. | Wm. H. Thomas..... | S. C..... | June 26, '78 | 1,000 | 19 42 |
| Russia. | | | | | |
| Odesa..... | Leander E. Dyer..... | Tenn... | April 13, '73 | 2,000 | 33 50 |
| St. Petersburg..... | Wm. H. Edwards..... | D. C..... | June 18, '78 | 2,000 | 545 50 |
| San Domingo. | | | | | |
| San Domingo..... | Paul Jones..... | Ohio... | June 17, '74 | 1,500 | 933 53 |
| Siam. | | | | | |
| Bangkok..... | David B. Sickles..... | Ark..... | Aug. 13, '76 | 3,000 | 472 72 |
| Society Islands. | | | | | |
| Tahiti..... | Dorence Atwater..... | Conn... | July 11, '70 | 1,000 | 471 37 |
| Spain and Dominions. | | | | | |
| Barcelona..... | Fred'k H. Scheuch..... | Ind..... | Mar. 24, '74 | 1,500 | 231 94 |
| Cadiz..... | Alfred N. Duflé..... | R. I..... | April 21, '69 | 1,500 | 1,390 64 |
| Cardenas..... | J. H. Washington, Agt | | Feb. 10, '75 | | 3,567 81 |
| Cienfuegos..... | De Witte Stearns..... | Miss... | Aug. 15, '76 | 2,500 | 2,002 83 |
| Havana..... | Henry C. Hall..... | C. G..... | Nov. 7, '73 | 6,000 | 18,313 70 |
| "..... | Jos. A. Springer..... | C. C. Cuba | Jan. 8, '70 | 1,200 | |
| "..... | Jos. A. Raphael..... | C. C. Md... | Feb. 14, '72 | 1,200 | |
| Malaga..... | John F. Quarles..... | Ga..... | June 13, '77 | 1,500 | 1,539 10 |
| Manila..... | Frederick G. Heron..... | N. Y..... | Feb. 22, '77 | Fees. | 1,458 24 |
| Matanzas..... | James W. Steele..... | Kan..... | Mar. 19, '74 | 3,000 | 3,572 69 |
| Mayaguez..... | G. E. Hubbard, Agt. | | March 2, '75 | | 1,036 28 |
| Ponce..... | Ed. E. White..... | Va..... | Dec. 4, '78 | Fees. | 1,340 87 |
| Sagua la Grande..... | Jos. S. Swords..... | D. C..... | Dec. 4, '78 | Fees. | 2,505 01 |
| San Juan, P. R..... | Edward Conroy..... | Pa..... | April 21, '69 | 2,000 | 605 83 |
| Santiago de Cuba.. | John C. Landreau..... | La..... | Dec. 12, '76 | 2,500 | 1,472 93 |
| Sweden and Norway. | | | | | |
| Gottenburg..... | E. L. Oppenheim..... | N. Y..... | April 1, '78 | Fees. | 1,103 87 |
| Switzerland. | | | | | |
| Basle..... | John A. Campbell..... | Wyom... | Dec. 3, 1877 | 2,000 | 1,939 50 |
| Geneva..... | J. E. Montgomery..... | N. Y..... | June 23, '77 | 1,500 | 541 00 |
| St. Gall..... | Albert J. De Zeyk..... | Iowa... | Mar. 5, '78 | Fees. | 3,803 50 |
| Zurich..... | Samuel H. M. Byers..... | Iowa... | Mar. 23, '69 | 2,000 | 3,965 83 |
| Turkey and Dominions. | | | | | |
| Beirut..... | John T. Edgar..... | Neb..... | Mar. 11, '73 | 2,000 | 119 82 |
| Cairo..... | E. E. Farman, Agt. and C. G. | { N. Y. | Mar. 27, '76 | 4,000 | 381 27 |
| "..... | E. A. Van Dyck..... | C. C. Mich... | May 12, '73 | 1,000 | |
| Constantinople..... | G. Harris Heap..... | Pa..... | July 12, '78 | 3,000 | 406 50 |
| "..... | James Maynard, Marshal. | { Tenn. | Jan 19, '76 } | 1,000 and fees. | |
| Jerusalem..... | Joseph G. Willson..... | Iowa... | Aug. 1, '77 | 1,500 | 65 50 |
| Smyrna..... | E. J. Smithers..... | D. C..... | Mar 11, '67 | 2,000 | 1,572 11 |
| Tripoli..... | Cuthbert B. Jones..... | La..... | Aug. 15, '76 | 3,000 | 2 00 |
| Uruguay. | | | | | |
| Montevideo..... | Frederick Crocker..... | | Aug. 15, '76 | 2,000 | 2,069 59 |
| Venezuela. | | | | | |
| Laguayra..... | James C. Eckert, C. A. | N. Y..... | May 22, '73 | 1,500 | 1,623 28 |
| Maracaibo..... | E. H. Plummer..... | Tenn... | June 24, '78 | Fees. | 2,168 52 |
| Puerto Cabello..... | A. Lacombe..... | | July 20, '67 | Fees. | 3,047 62 |

THE ARMY OF THE UNITED STATES.

[Summarized from the Annual Report of the General of the Army, Dec. 1878.]

The Army of the United States on the 15th of October, 1878, consisted of the following forces in officers and men :

| | Officers. | Enlisted men. |
|--|-----------|---------------|
| Ten cavalry regiments..... | 430 | 7,829 |
| Five artillery regiments..... | 281 | 2,630 |
| Twenty-five infantry regiments..... | 868 | 11,205 |
| Engineer battalion, recruiting parties, ordnance department, hospital service, Indian scouts, West Point, and general service..... | 574 | 3,097 |
| Total..... | 2,153 | 24,761 |

For convenience and to fix responsibility, the country is divided into three military divisions, each with several departments, as follows :

1. Military division of the Missouri, commanded by Lieut.-Gen. P. H. Sheridan, head-quarters Chicago ; comprehends the departments of the Missouri (Gen. Pope) ; Dakota (Gen. Terry) ; Texas, (Gen. Ord) ; and the Platte (Gen. Crook). There are 8 regiments of cavalry and 18 of infantry in this division.

2. Military division of the Pacific, commanded by Major-General Irvin McDowell, head-quarters San Francisco. Includes departments of California (Gen. McDowell) ; the Columbia (Gen. O. O. Howard) ; Arizona (Gen. O. R. Willcox) : comprises one regiment of artillery, two of cavalry, and four of infantry.

3. Military division of the Atlantic, commanded by Major-General W. S. Hancock, head-quarters New York. Includes department of the East (Gen. Hancock) ; department of the South (Gen. C. C. Augur, Newport Barracks, Ky). There is also the department of West Point, commanded by Major-General Schofield. This division includes four regiments of artillery and three of infantry.

The maximum military force allowed under existing laws is 2,153 commissioned officers and 25,000 enlisted men. The report of the General of the Army exhibits the actual number in service as 2,153 officers and 24,761 enlisted men, Oct. 15, 1878. The following table exhibits the number in each rank of the army :

Colonels, 69 ; lieutenant-colonels, 85 ; majors, 244 ; captains, 535 ; adjutants, 38 ; regimental quarter-masters, 38 ; first lieutenants, 583 ; second lieutenants, 437 ; chaplains, 34 ; store-keepers, 21 ; total, 2,153. The enlisted men embrace 40 sergeant-majors, 39 quarter-master sergeants, 632 musicians, 296 trumpeters, 9 saddler sergeants, 104 ordnance sergeants, 185 hospital stewards, 148 commissary sergeants, 427 first sergeants, 1,851 sergeants, 1,451 corporals, 221 farriers, 74 artificers, 115 saddlers, 46 wagoners, and 17,604 privates : total, 23,242. Besides these, there are employed in the Signal Corps, 411 ; Military Academy, 9 professors, 45 officers, 282 cadets, 280 enlisted men : total, 616.

The number of retired army officers is 831 ; number of privates discharged during the fiscal year 1878, 3,607 ; number died, during same period, 278 ; number deserted, 1,678 ; number enlisted and re-enlisted, 6,630.

| | Entered the Army. |
|---|--------------------------------|
| General of the Army. | William T. Sherman..... 1840 |
| Lieutenant-General..... | Philip H. Sheridan..... 1853 |
| Major Generals (limited by law to three)..... | Winfield S. Hancock..... 1844 |
| | John M. Schofield..... 1853 |
| | Irvin McDowell..... 1838 |
| Brigadier-Generals (limited by law to six)..... | John Pope..... 1842 |
| | Oliver O. Howard..... 1854 |
| | Alfred H. Terry..... 1865 |
| | Edward O. C. Ord..... 1839 |
| | Christopher C. Augur..... 1843 |
| | George Crook..... 1852 |

PAY OF THE ARMY OF THE UNITED STATES.

[From the Official Army Register, 1878.]

| GRADE. | Pay of Officers in Active Service. | | | | | Pay of Retired Officers. | | | | |
|----------------------------|------------------------------------|-----------------------|------------------------|------------------------|------------------------|--------------------------|-----------------------|------------------------|------------------------|------------------------|
| | Yearly Pay. | | | | | Yearly Pay. | | | | |
| | First 5 yrs' service. | After 5 yrs' service. | After 10 yrs' service. | After 15 yrs' service. | After 20 yrs' service. | First 5 yrs' service. | After 5 yrs' service. | After 10 yrs' service. | After 15 yrs' service. | After 20 yrs' service. |
| General..... | \$13,500 | 10p.c. | 20p.c. | 30p.c. | 40p.c. | ..... | ..... | ..... | ..... | ..... |
| Lieutenant-General..... | 11,000 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Major-General..... | 7,500 | ..... | ..... | ..... | ..... | \$5,625 | ..... | ..... | ..... | ..... |
| Brigadier-General..... | 5,500 | ..... | ..... | ..... | ..... | 4,125 | ..... | ..... | ..... | ..... |
| Colonel..... | 3,500 | \$3,850 | \$4,200 | *\$4,500 | *4,500 | 2,625 | \$2,887 | \$3,150 | \$3,375 | \$3,375 |
| Lieutenant-Colonel..... | 3,000 | 3,300 | 3,600 | 3,900 | *4,000 | 2,250 | 2,475 | 2,700 | 2,925 | 3,000 |
| Major..... | 2,500 | 2,750 | 3,000 | 3,250 | 3,500 | 1,875 | 2,062 | 2,250 | 2,437 | 2,625 |
| Captain, mounted..... | 2,000 | 2,300 | 2,400 | 2,600 | 2,800 | 1,500 | 1,650 | 1,800 | 1,950 | 2,100 |
| Captain, not mounted.... | 1,800 | 1,980 | 2,160 | 2,340 | 2,520 | 1,350 | 1,485 | 1,620 | 1,755 | 1,890 |
| Regimental Adjutant..... | 1,800 | 1,980 | 2,160 | 2,340 | 2,520 | ..... | ..... | ..... | ..... | ..... |
| Regimental Quartermaster | 1,800 | 1,980 | 2,160 | 2,340 | 2,520 | ..... | ..... | ..... | ..... | ..... |
| 1st Lieutenant, mounted. | 1,600 | 1,760 | 1,920 | 2,080 | 2,240 | 1,200 | 1,320 | 1,440 | 1,560 | 1,680 |
| 1st Lieutenant, not m't'd. | 1,500 | 1,650 | 1,800 | 1,950 | 2,100 | 1,125 | 1,237 | 1,350 | 1,462 | 1,575 |
| 2d Lieutenant, mounted. | 1,500 | 1,650 | 1,800 | 1,950 | 2,100 | 1,125 | 1,237 | 1,350 | 1,462 | 1,575 |
| 2d Lieutenant, not m't'd. | 1,400 | 1,540 | 1,680 | 1,820 | 1,960 | 1,050 | 1,155 | 1,260 | 1,365 | 1,470 |
| Chaplain..... | 1,500 | 1,650 | 1,800 | 1,950 | 2,100 | 1,350 | 1,485 | 1,620 | 1,755 | 1,890 |

* The maximum pay of colonels is limited to \$4,500, and of lieutenant-colonels to \$4,000.

QUARTERS, FUEL, AND FORAGE ALLOWED TO ARMY OFFICERS.

By act of June 18, 1878, all allowance or commutation for fuel was prohibited, but wood is furnished at \$3 per cord, out of the pay of officers. Forage is furnished only in kind, and only to officers actually in the field or west of the Mississippi, on the basis of five horses for the General of the Army, four for the Lieutenant-General, three each for a major- or brigadier-general, and two each for a colonel, lieutenant-colonel, major, mounted captain or lieutenant, adjutant, and regimental quartermaster. Quarters are furnished on the following basis: General (commutation for quarters), \$125 per month; Lieutenant-General, \$70 per month; major-general, six rooms; brigadier-general or colonel, five rooms; lieutenant-colonel or major, four rooms; captain or chaplain, three rooms; and first or second lieutenant, two rooms—all of which may be commuted at \$10 per room per month.

NOTE.—The law provides that no allowances shall be made to officers in addition to their pay, except quarters and forage furnished in kind.

Mileage at the rate of eight cents per mile is allowed for travel under orders.

The pay of cadets at the U. S. Military Academy, West Point, was placed at \$540 per annum, by Act of Aug. 7th, 1876, instead of \$500 and one ration *per diem* (equivalent to \$609.50), by former laws.

The pay of privates runs from \$156 (\$13 a month and rations) for first two years, to \$21 a month after twenty years' service.

The following is a list of generals who have commanded the army since 1775, with the dates of command as far as can be ascertained from the official records:

Major-General George Washington, June 15, 1775, to December 23, 1783.
 Major-General Henry Knox, December 23, 1783, to June 20, 1784.
 Lieutenant-Colonel Josiah Harmer, general-in-chief by brevet, September, 1788, to March, 1791.
 Major-General Arthur St. Clair, March 4, 1791, to March, 1792.
 Major-General Anthony Wayne, April 11, 1792, to December 15, 1796.
 Major-General James Wilkinson, December 15, 1796, to July, 1798.
 Lieutenant-General George Washington, July 3, 1798, to his death, Dec. 14, 1799.
 Major-General James Wilkinson, June, 1803, to January, 1812.
 Major-General Henry Dearborn, January 27, 1812, to June, 1815.
 Major-General Jacob Brown, June, 1815, to February 21, 1828.
 Major-General Alexander Macomb, May 21, 1828, to June, 1841.
 Major-General Winfield Scott (brevet lieutenant-general), June, 1841, to November 1, 1861.
 Major-General George B. McClellan, November 1, 1861, to March 11, 1862.
 Major-General Henry W. Halleck, July 11, 1862, to March 12, 1864.
 Lieutenant-General Ulysses S. Grant, March 12, 1864, to July 25, 1866, and as General to March 4, 1869.
 General William T. Sherman since March 4, 1869.

At one period, between 1784 and 1789, while the entire army as organized, consisted of a small corps of artillery, the corps was commanded by a captain.

Statistics of the United States Army, 1789-1879.

The following table exhibits the strength of the regular army of the United States, from 1789 to 1879, as fixed by acts of Congress. The figures are for the aggregate of officers and men:

| Year. | Strength of Army. | Year. | Strength of Army. |
|--------------------------------------|-------------------|----------------------------------|-------------------|
| 1789. 1 Reg't. Infantry, 1 Bat. Art. | 840 | 1847. Mexican War..... | 17,812 |
| 1792. Indian Border Wars..... | 5,180 | 1848. " "..... | 30,890 |
| 1794. Peace establishment..... | 3,629 | 1849-1855. Peace establishment.. | 10,320 |
| 1801. | 5,144 | 1856-1861. " "..... | 12,951 |
| 1807. | 8,278 | 1862. Civil War..... | 89,273 |
| 1810. | 7,154 | 1863-1865. " "..... | 43,332 |
| 1812. War with Great Britain..... | 11,831 | 1867. Peace establishment.. | 54,641 |
| 1815. | 9,413 | 1868-1869. " "..... | 52,922 |
| 1817-1821. Peace establishment... | 9,960 | 1870. " "..... | 37,313 |
| 1822-1823. " "..... | 6,184 | 1871. " "..... | 35,353 |
| 1824-1827. " "..... | 7,198 | 1872-1874. " "..... | 22,264 |
| 1828-1832. Florida War..... | 12,539 | 1875-1879. " "..... | 27,489 |
| 1833-1835. Peace establishment... | 8,613 | | |

UNITED STATES MILITARY ACADEMY.

The United States Military Academy at West Point was founded by act of March 16, 1802, constituting the corps of engineers of the army a military academy with fifty students or cadets, who were to receive instruction under the senior engineer officer as superintendent. Later acts established professorships of mathematics, engineering, philosophy, etc., and made the academy a military body, subject to the rules and articles of war. In 1815, a permanent superintendent was appointed, and a year later an annual board of visitors was provided for, to be named by the President, the Speaker of the House, and the President of the Senate. In 1843 the present system of the appointment of cadets was instituted, which assigns one cadet to each Congressional district and Territory in the Union, to be named by the Representative in Congress for the time being, and ten appointments at large, specially conferred by the President of the United States. The number of students is thus limited to 312. A large proportion of those appointed fail to pass the examination, and many others to complete the course, the proportion being stated at fully one-half hitherto. The course of instruction requires four years, and is largely mathematical and professional. The discipline is very strict, even more so than in the army, and the enforcement of penalties for offences is inflexible rather than severe. The whole number of graduates from 1802 to 1877 was about 2,700, of whom 1,200 are deceased and about 1,500 living. Of those surviving, 800 are still in the army, and about 700 out of service.

Appointees to the Military Academy must be between 17 and 23 years of age, at least five feet in height, and free from infirmity, and able to pass a careful examination in various branches of knowledge. Each cadet admitted must bind himself to serve the United States eight years from the time of admission to the academy. The pay of cadets, formerly fifty dollars per month and rations, was fixed at \$540 per year, with no allowance for rations, by the act of 1876. The aggregate amount of money appropriated by the United States for the Military Academy from 1802 to 1877 inclusive, was \$11,396,128, being an average of about \$149,949 annually. The number of actual members of the academy, by the official register of June, 1878, was 263.

Ninety-six cadets were admitted in 1877.

THE CITIZEN MILITIA.

The militia system in the United States has no common or uniform standard of organization. Each State regulates its own militia, and while at some times and in certain States much attention and considerable means have been expended in organizing and keeping up an efficient organization of citizen soldiers, there has been nowhere any continuity of system, and in many States an entire neglect. The Constitution recognizes "a well-regulated militia" as "necessary to the security of the State," and distinctly confers upon Congress among its enumerated powers the following :

"To provide for organizing, arming and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States respectively the appointment of the officers, and the authority of training the militia, according to the discipline prescribed by Congress." Article I, Section 8.

This power has not been exercised by Congress in a manner to preserve any regular, uniform, or permanently organized militia system. The first act on the subject, May 8th, 1792, requires that "every able-bodied male citizen of the respective States, between the ages of 18 and 45, shall be enrolled in the militia." The same act prescribes details for army equipments and officers ; makes a few special exemptions from service, and divides the organization of infantry, artillery, and cavalry into battalions and regiments. It also requires the appointment in each State of an adjutant-general, and reports from the officers of the militia, with an annual report from the adjutant-general in each State to the President of the United States. It prescribes the system of discipline and field exercise in the regular army to be observed in the corresponding corps of the militia.*

This act, which is still unrepealed, appears to have fallen into utter neglect in a majority of the States, although Congress goes on year after year appropriating the sum of two hundred thousand dollars to provide arms and equipments for the whole body of the militia, and munitions of war to the value of fourteen million dollars have actually been distributed under this act, passed April 23, 1808. The returns on another page show that little systematic use is made of a militia organization. At the last session of Congress special attention was directed to the subject of the militia. A Senate resolution of December 13, 1877, called for a report from the Secretary of War, embodying recommendations looking to a thorough organization of the militia. Adjutant-General Townsend replied, furnishing certain statistics, and adding that, "the difficulty is not so much want of getting information as in finding material in the States to report." That officer also expressed the belief that an enrolled militia cannot successfully be established in this country on account of the expense required, and the annoyance to citizens in the interruption of their private pursuits. A volunteer militia might, he thought, be possibly encouraged to a greater extent by the general government affording additional facilities, and the States making more liberal allowance for pay to those who would devote their time to militia organization. One good regiment of militia might be raised in each congressional district, with tolerably efficient control and discipline, with proper pecuniary aid; but without undue interference in the affairs of the States, as well as heavy expenditures of money, the general government could not (even if the law should sanction it) control the organization of citizens into military bodies.

The Chief of Ordnance, General S. V. Benét, reported the amount of arms and ordnance which had been supplied to the several States, and recommended, with a view to greater efficiency, that the appropriation to supply the State militia with arms should be increased from \$200,000 to \$1,000,000 per annum.

The Quartermaster-General of the Army, M. C. Meigs, replied that the number of citizens of the proper age for militia service being about 7,500,000, and allowing that not more than 50 per cent of these are non-exempt, there would be enrolled as militia, to be provided with arms and equipments, 3,750,000 men. If it were determined to enforce existing laws in regard to the militia, provision must be made for camp equipage and tents, to place three million and three quarters of men in camp for a certain time during each year. The cost of clothing (which would be an annual expense) would be \$133,891,048 ; transportation, \$66,000,000 ; camp and garrison equipage, \$23,000,000 ; rent of ground and other expenses, \$22,205,224 ; the total cost being reckoned at \$245,096,272, more than three-fourths of which, it was estimated, would be an annual expense. General Meigs added, as an expression of his own views :

"The training of all the militia now ordered by law to be enrolled and trained will, if executed, cost this amount to the people who pay the taxes.

"As I am invited to offer suggestions for the improvement of the laws upon this subject, I must say that with a population of 45,000,000 of people actively engaged in the business of earning a living for themselves and families and in improving their condition in life, and imbued with the ideas of personal liberty and freedom from compulsory service which prevail in the United States, I believe that all attempts in time of peace to enforce general organization and training of the militia will prove fruitless.

"The true militia of the United States is the volunteer force, and that will not respond to calls for mere training, but will always respond to the call of their country when threatened by foreign or domestic enemies.

* The several statutes in force in regard to the militia will be found in sections 1323-1361 of the Revised Statutes of the United States.

I may call attention to the cost under which Europe groans, of the loss of work and waste of wages involved in the training of large bodies of soldiers; 3,750,000 men in the prime of life called from their trades and business for 40 days would lose, to themselves and the country at least \$1 each for each day thus employed. This amounts to \$150,000,000 more of annual cost."

The Paymaster-General, Benj. Alvord, replied:

"It is my opinion that it is a matter of great importance that the militia system should be encouraged and maintained, and that all proper steps should be taken to keep up a martial spirit in our people, and military knowledge, which could be encouraged and expanded in time of war."

The number of actually enrolled militia, in the years named, was as follows, as reported to the War Department and summarized for all the States:

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|---------------|
| 1820..... | 899,541 | 1830..... | 1,190,853 | 1840..... | 1,387,915 |
| 1850..... | 1,960,265 | 1860..... | 3,070,987 | 1870..... | (no returns.) |
| | | 1878..... | 3,734,693 | | |

THE MILITIA FORCE OF THE UNITED STATES,

Organized and unorganized, according to the latest returns received at the Office of the Adjutant-General.

[From the Army Register for 1878.]

| STATES. | ORGANIZED STRENGTH. | | | | | | | Number of men avail- able for military duty (unorganized). | |
|--------------------------------------|---------------------|-------------------|----------------------------|--|--------------------------|--------------------------|--|--|------------|
| | Year. | General officers. | General staff officers. | Regimental, field, and staff officers. | Company off- cers. | Total commis- sioned. | Total non-com- missioned offi- cers, music'ns, privates, etc. | | Aggregate. |
| 1 Alabama ¹ | | | | | | | | | |
| 2 Arkansas..... | 1875 | 14 | 33 | 91 | 535 | 673 | 11,027 | 11,700 | 95,165 |
| 3 California ⁴ | 1876 | 7 | 81 | 34 | 113 | 235 | 2,330 | 2,625 | 94,447 |
| 4 Colorado. ¹ | | | | | | | | | |
| 5 Connecticut..... | 1876 | 1 | 22 | 40 | 109 | 172 | 2,409 | 2,581 | 63,793 |
| 6 Delaware ¹ | | | | | | | | | |
| 7 Florida..... | 1876 | 6 | 30 | 7 | 17 | 60 | ..... | 60 | 32,775 |
| 8 Georgia ¹ | | | | | | | | | |
| 9 Illinois ³ | 1876 | 2 | 19 | 55 | 165 | 241 | 4,742 | 4,983 | ..... |
| 10 Indiana..... | 1876 | 1 | 2 | ..... | ..... | 3 | ..... | 3 | 377,833 |
| 11 Iowa..... | 1876 | 1 | 10 | 34 | 196 | 241 | 2,510 | 2,751 | 190,810 |
| 12 Kansas ² | 1876 | 6 | 7 | 7 | 103 | 123 | 2,125 | 2,248 | 95,000 |
| 13 Kentucky..... | 1876 | 1 | 2 | ..... | 42 | 45 | 834 | 879 | 217,044 |
| 14 Louisiana..... | 1876 | 3 | 10 | 2 | 13 | 28 | 449 | 477 | 131,853 |
| 15 Maine..... | 1876 | 1 | 18 | 9 | 39 | 67 | 803 | 870 | 78,376 |
| 16 Maryland..... | 1876 | 1 | 10 | 16 | 64 | 91 | 1,200 | 1,291 | 89,344 |
| 17 Massachusetts..... | 1876 | 3 | 32 | 99 | 211 | 345 | 3,529 | 3,874 | 216,109 |
| 18 Michigan ² | 1876 | 1 | 9 | 20 | 72 | 102 | 1,792 | 1,894 | ..... |
| 19 Minnesota ³ | 1876 | ..... | ..... | ..... | 43 | 43 | 1,183 | 1,226 | ..... |
| 20 Mississippi..... | 1875 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 135,178 |
| 21 Missouri ³ | 1876 | 1 | 6 | ..... | 35 | 42 | 719 | 761 | ..... |
| 22 Nebraska ² | 1875 | ..... | 17 | ..... | 57 | 74 | 762 | 836 | 46,000 |
| 23 Nevada..... | 1875 | 4 | 26 | ..... | 36 | 66 | 695 | 761 | 15,639 |
| 24 New Hampshire..... | 1876 | 1 | 17 | 17 | 78 | 113 | 1,234 | 1,347 | 39,419 |
| 25 New Jersey..... | 1876 | 3 | 41 | 67 | 178 | 289 | 3,663 | 3,952 | 248,127 |
| 26 New York..... | 1875 | 27 | 302 | 324 | 855 | 1,508 | 17,971 | 19,479 | 483,183 |
| 27 North Carolina ¹ | | | | | | | | | |
| 28 Ohio..... | 1875 | ..... | 6 | 15 | 241 | 262 | 4,368 | 4,630 | 229,725 |
| 29 Oregon..... | 1875 | 5 | 27 | ..... | 17 | 49 | ..... | 49 | 17,608 |
| 30 Pennsylvania..... | 1876 | 14 | 185 | 142 | 505 | 846 | 8,996 | 9,842 | 361,872 |
| 31 Rhode Island..... | 1876 | 3 | 35 | 88 | 96 | 222 | 1,856 | 2,078 | 39,966 |
| 32 South Carolina..... | 1875 | 15 | 39 | 143 | 340 | 537 | 6,412 | 6,949 | 77,040 |
| 33 Tennessee..... | 1876 | 1 | 6 | ..... | 72 | 79 | 1,205 | 1,284 | 239,564 |
| 34 Texas..... | 1876 | 1 | 1 | 15 | 109 | 126 | 1,727 | 1,853 | 74,458 |
| 35 Vermont..... | 1876 | 1 | 11 | 9 | 39 | 60 | 617 | 677 | 44,366 |
| 36 Virginia ¹ | | | | | | | | | |
| 37 West Virginia ¹ | | | | | | | | | |
| 38 Wisconsin ³ | 1875 | 3 | 13 | 6 | 80 | 102 | 1,635 | 1,737 | ..... |
| Grand aggregate..... | .... | 127 | 1,017 | 1,240 | 4,460 | 6,844 | 86,853 | 93,697 | 3,734,693 |

1. Returns not received.

2. Unorganized strength estimated.

3. No enrollment.

4. Enrollment incomplete.

THE ARMIES OF THE WORLD.

[Compiled from Official Documents.]

| COUNTRIES. | Population. | Regular Army. | War Footing. | Annual Cost of Army. | Cost per Head. | Per cent of total Expenditure. |
|------------------|-------------|---------------|--------------|---------------------------|----------------|--------------------------------|
| | | | | \$ | \$ | |
| Austria-Hungary | 37,350,000 | 296,218 | 1,021,692 | 50,680,000 | 1 35 | 86.12 |
| Argentine Rep. | 1,812,490 | 8,283 | ..... | Army and Navy, 4,514,018 | 2 49 | 21.84 |
| Belgium..... | 5,336,185 | 46,277 | 103,683 | 8,787,909 | 1 64 | 17.91 |
| Bolivia..... | 2,000,000 | 4,022 | ..... | 1,126,916 | 56 | 25 01 |
| Brazil..... | 11,108,291 | 16,500 | 32,000 | 10,862,496 | 97 | 16.02 |
| Canada..... | 3,672,116 | 3,000 | 655,000 | 1,013,944 | 27 | 4.20 |
| Chili..... | 2,333,568 | 3,516 | 28,274 | ..... | ..... | ..... |
| China..... | 433,500,000 | 700,000 | 1,260,000 | ..... | 10 | 10.36 |
| Colombia..... | 2,774,000 | 2,600 | 30,000 | 288,000 | 1 26 | 18.40 |
| Denmark.... | 1,903,000 | 35,703 | 50,000 | 2,406,109 | 26 | 8.13 |
| Egypt..... | 17,100,000 | 62,920 | 128,000 | Army and Navy, 4,452,422 | 2 70 | 19.25 |
| France..... | 36,905,788 | 470,600 | 1,750,000 | 100,007,623 | 2 16 | 68.57 |
| Germany..... | 42,727,360 | 419,659 | 1,034,524 | 92,573,403 | 1 90 | 16.68 |
| Great Britain.. | 34,242,966 | 133,720 | 370,561 | 65,161,015 | 1 02 | 19.08 |
| Greece..... | 1,457,894 | 12,397 | 30,000 | 1,494,860 | 40 | 28.21 |
| India, British.. | 191,168,412 | 58,170 | 114,700 | 76,875,960 | 1 36 | 13.65 |
| Italy..... | 27,709,475 | 199,577 | 867,509 | 37,983,755 | 21 | 11.91 |
| Japan..... | 34,338,404 | 35,380 | 50,240 | 7,506,000 | 48 | 7.12 |
| Luxembourg... | 205,158 | 513 | ..... | 100,480 | 1 13 | 42.40 |
| Mexico..... | 9,276,079 | 22,387 | ..... | Army and Navy, 10,554,745 | 2 65 | 21 04 |
| Netherlands... | 3,865,456 | 61,803 | 160,000 | 10,266,990 | 81 | 13 80 |
| Norway..... | 1,807,555 | 12,750 | 18,000 | 1,480,760 | 56 | 37.71 |
| Persia..... | 6,000,000 | 28,400 | 108,500 | 3,400,000 | 1 07 | 14.61 |
| Peru..... | 3,000,000 | 13,200 | ..... | 4,342,928 | 65 | 16.90 |
| Portugal..... | 4,057,538 | 35,733 | 75,000 | 3,810,198 | 1 99 | 35.12 |
| Roumania..... | 5,073,000 | 130,158 | 144,668 | 144,215,615 | 63 | 29.71 |
| Russia..... | 72,392,927 | 787,900 | 1,671,674 | 869,138 | 2 97 | 37.28 |
| Servia..... | 1,366,923 | 14,150 | 150,000 | 49,146,491 | 80 | 16.36 |
| Spain..... | 16,526,511 | 330,000 | 400,000 | 3,579,940 | 87 | 28.37 |
| Sweden..... | 4,429,713 | 36,495 | 156,970 | 2,419,213 | 2 58 | 17.68 |
| Switzerland... | 2,759,854 | 106,102 | 203,262 | 37,082,735 | 95 | 15.53 |
| Turkey..... | 9,573,000 | 157,667 | 618,100 | ..... | ..... | ..... |
| United States | 33,925,598 | 26,014 | *3,759,693 | Army and Navy, 2,364,100 | 5 31 | 34.76 |
| Uruguay..... | 445,000 | 4,060 | 21,000 | ..... | ..... | ..... |
| Venezuela..... | 1,784,197 | 5,494 | ..... | ..... | ..... | ..... |

NOTE.—The last column shows the ratio which the military expenditure bears to the total annual expenditure of each nation.

* Militia force plus the regular army.

THE NAVIES OF THE WORLD.

Compiled from Official Documents.

| COUNTRIES. | No. of Vessels. | No. of Men. | Cost of Navy. | COUNTRIES. | No. of Vessels. | No. of Men. | Cost of Navy. |
|--------------------------|-----------------|-------------|---------------|-----------------|-----------------|-------------|---------------------------|
| | | | Dollars. | | | | Dollars. |
| Argentine Republic.... | 23 | 3,185 | 842,362 | Japan..... | 21 | 2,944 | 2,700,000 |
| Austria-Hungary ... | 68 | 6,319 | 4,703,005 | Mexico..... | 4 | ..... | Army and Navy, 10,554,745 |
| Belgium..... | 10 | 172 | ..... | Netherlands.... | 105 | 4,996 | 5,790,216 |
| Bolivia..... | 37 | ..... | ..... | Norway..... | 119 | 4,342 | 652,340 |
| Brazil..... | 63 | 6,184 | 9,994,147 | Peru..... | 18 | ..... | ..... |
| Canada (Dominion).... | 7 | ..... | ..... | Portugal..... | 37 | 3,853 | 1,585,494 |
| Chili..... | 15 | 840 | ..... | Roumania..... | 9 | 266 | ..... |
| China..... | 38 | ..... | ..... | Russia..... | 233 | 39,089 | 20,030,704 |
| Denmark..... | 33 | 1,125 | 1,200,000 | Spain..... | 123 | 14,648 | 6,536,315 |
| Egypt..... | 14 | ..... | ..... | Sweden..... | 141 | 6,141 | 1,352,793 |
| France..... | 236 | 50,517 | 33,178,689 | Turkey..... | 170 | 6,000 | ..... |
| Germany..... | 60 | 8,051 | 1,192,325 | United States.. | 146 | 8,664 | 14,077,974 |
| Gt. Britain & Ireland... | 531 | 81,447 | 56,445,000 | | | | |
| Greece..... | 21 | 653 | 891,978 | | | | |
| Italy..... | 66 | 11,880 | 7,543,388 | | | | |

THE NAVY OF THE UNITED STATES.

[Condensed from the Navy Register, July, 1878, and the Annual Report of the Secretary of the Navy, Dec., 1878.]

THERE were in active service Dec. 1, 1878, 29 steam cruising vessels, 5 sailing vessels, 15 iron-clad monitors, and 2 torpedo boats. There were also 19 vessels, temporarily out of repair, which added, make the effective fighting force of the United States Navy 61 cruising ships, 15 monitors, and 2 torpedo boats, or 68 vessels in all. Besides these, there are 33 steam and sailing vessels unfit for use, with 4 iron-clads, and 11 unfinished steam vessels of war. The whole number of naval steam vessels of all grades, including tugs, is 121, and of sailing vessels 22. The number of guns is 1,125.

The active list of the navy is composed of 1 admiral, 1 vice-admiral, 11 rear-admirals, 25 commodores, 50 captains, 89 commanders, 81 lieutenant-commanders, 230 lieutenants, 100 masters, 85 ensigns, 44 midshipmen, 79 cadet-midshipmen, and 237 cadet-midshipmen on probation at the Naval Academy, all of whom are officers of the line.

Of the staff, there are 1 surgeon-general, 14 medical directors, 15 medical inspectors, 50 surgeons, 59 passed assistant-surgeons, 39 assistant-surgeons, 1 paymaster-general, 13 pay-directors, 13 pay-inspectors, 50 paymasters, 30 passed assistant-paymasters, 18 assistant-paymasters; 1 engineer-in-chief, 69 chief-engineers, 96 passed assistant-engineers, 28 assistant-engineers, 28 cadet-engineers, and 73 cadet-engineers on probation at the Naval Academy; 24 chaplains, 12 professors of mathematics, 1 secretary for the admiral, and 1 for the vice-admiral; 1 chief-constructor, 10 naval constructors, 5 assistant-constructors, and 9 civil engineers.

The warrant-officers consist of 53 boatwains, 59 gunners, 50 carpenters, 40 sailmakers, and 43 mates.

There were, July, 1878, in the service, provided for by the Navy Appropriation Act for the fiscal year 1878-79, 7,500 enlisted men and boys.

The retired list is composed of 45 rear-admirals, 25 commodores, 16 captains, 13 commanders, 14 lieutenant-commanders, 6 lieutenants, 13 masters, 6 ensigns, 2 midshipmen, 3 surgeons-general, 17 medical directors, 1 medical inspector, 2 surgeons, 2 passed assistant-surgeons, 5 assistant-surgeons, 3 paymasters-general, 4 pay-directors, 3 paymasters, 2 passed assistant-paymasters, 2 assistant-paymasters, 4 chief-engineers, 16 passed assistant-engineers, 34 assistant-engineers, 1 chief-constructor, 4 naval constructors, 7 chaplains, 6 professors of mathematics, 8 boat-swains, 5 gunners, 13 carpenters, and 13 sailmakers.

The active list is therefore composed of 1,081 officers of the line, 670 officers of the staff, and 245 warrant-officers—total, 1,996 officers of all grades.

The retired list is composed of 140 officers of the line, 100 officers of the staff, 39 warrant-officers, and 6 professors of mathematics.

THE UNITED STATES NAVAL ACADEMY AT ANNAPOLIS.

THE United States Naval Academy was opened October 10, 1845, and the credit of its foundation is attributed to Hon. George Bancroft, then Secretary of the Navy under President Polk. The course of instruction, designed to train midshipmen for the navy, at first occupied five years, of which three were passed at sea. Various changes have been made in the course of instruction, which was made seven years in 1850, four years in 1851 and six years (the two last of which are spent at sea) March 8, 1873, where it now remains. The Naval Academy, first located at Annapolis, Maryland, was removed to Newport, R. I., in May, 1861, but reestablished at Annapolis in September, 1865, where it now is, occupying lands formerly known as Fort Severn. The academy is under the direct care and supervision of the Navy Department. There are to be allowed in the academy one cadet-midshipman for every member or delegate in the House of Representatives appointed at his nomination, one for the District of Columbia, and ten appointed at large by the President. The number of appointments which can be made is limited by law to twenty-five each year, named by the Secretary of the Navy after competitive examinations, the cadets being from sixteen to twenty years of age. The successful candidates become students of the academy, and receive the pay of cadet-midshipmen, \$500 per annum. All cadets actually graduated are commissioned cadet engineers in the navy, as vacancies occur, the pay being \$1,000 at sea and \$800 on shore duty. The course of instruction is thorough, involving a close pursuit of mathematics, steam engineering, physics, mechanics, seamanship, ordnance, history, law, etc. The whole number of students, according to the Annual Register of 1877-78, was cadet-midshipmen 271, cadet-engineers, 89: total, 360. The graduating class of 1877 numbered 45 members.

NAVY OFFICERS.

[From the Navy Register of the U. S., July, 1878, with additions.]

ADMIRAL.

| NAME. | Present Duty, Station or Residence. | Whence appointed. | Original Entry into the Service. | Date of Present Commission. | Total Sea Ser'c. Years |
|--------------------|-------------------------------------|-------------------|----------------------------------|-----------------------------|------------------------|
| David D. Porter... | Special Duty, Washington | Penn.... | 1829. ... | Aug. 15, 1870 | 23 |

VICE-ADMIRAL.

| | | | | | |
|------------------|-------------------------|----------|-----------|---------------|----|
| Stephen C. Rowan | Port Admiral, New York. | Ohio.... | 1836..... | Aug. 15, 1870 | 25 |
|------------------|-------------------------|----------|-----------|---------------|----|

REAR-ADMIRALS—ACTIVE LIST (11).

| | | | | | |
|----------------------|---------------------------------|--------|------|----------------|---------|
| John Rodgers..... | Sup't Naval Observatory..... | D. C. | 1828 | May 1, 1877 | 26 |
| John L. Worden..... | Member Board Examiners..... | N. Y. | 1834 | Nov. 20, 1873 | 21 |
| William E. Le Roy.. | Waiting Orders..... | N. J. | 1832 | April 5, 1874 | 27 |
| J. R. Madison Mullan | Gov. Naval Asylum, Philadelphia | Conn. | 1832 | June 5, 1874 | 25 |
| C. R. P. Rodgers.... | Commanding Pacific Station... | Ohio. | 1833 | June 14, 1874 | 26 |
| Stephen D. Trenchard | Waiting Orders..... | N. Y. | 1834 | Aug. 10, 1875 | 26 |
| Thomas H. Patterson. | Commanding Asiatic Station... | La... | 1836 | Mar. 28, 1877 | 20 |
| John C. Howe..... | Ord'd to command European St'n | Penn. | 1836 | ..... | 1877 21 |
| Edward T. Nichols... | Com'dg South Atlantic Station.. | Ga.... | 1836 | Feb. 26, 1878 | 22 |
| Robert H. Wymann... | Com'dg North Atlantic Station.. | N. H. | 1837 | April 26, 1878 | 20 |
| George B. Balch..... | Member Board Examiners..... | Ala.. | 1837 | June 5, 1878 | 20 |

COMMODORES—ACTIVE LIST (25).

| | | | | | |
|-----------------------|--|--------|------|----------------|----|
| Thomas H. Stevens. | Special Duty, Norfolk Harbor... | Conn. | 1836 | Nov. 20, 1872 | 18 |
| Foxhall A. Parker... | Superintendent Naval Academy. | Va.... | 1837 | Nov. 25, 1872 | 18 |
| John M. B. Clitz.... | Light-House Inspector..... | Mich. | 1837 | Dec. 28, 1872 | 22 |
| Andrew Bryson..... | Philadelphia, Pa..... | N. Y. | 1837 | Feb. 14, 1873 | 23 |
| Donald McN. Fairfax. | Waiting Orders..... | N. C. | 1837 | Aug. 24, 1873 | 20 |
| James H. Spots..... | Special Duty, San Francisco..... | Ky.... | 1837 | Sept. 25, 1873 | 21 |
| J. W. A. Nicholson.. | Com'dt Navy Yard, New York... | N. Y. | 1838 | Nov. 8, 1873 | 22 |
| George H. Cooper.... | Pres't Board of Inspection..... | N. Y. | 1837 | June 5, 1874 | 23 |
| John C. Beaumont... | Chief Signal Officer..... | Penn. | 1838 | June 14, 1874 | 22 |
| John C. Febiger..... | Comd't Navy Yard, Washington | Ohio. | 1838 | Aug. 9, 1874 | 25 |
| Peirce Crosby..... | Com'dt Navy Yard, League Isl'd | Penn. | 1838 | Oct. 3, 1874 | 22 |
| J. Blakeley Creighton | Com'dt Navy Yard, Norfolk, Va. | R. I. | 1838 | Nov. 9, 1874 | 23 |
| Aaron K. Hughes.... | Greenwich, N. Y..... | N. Y. | 1838 | Feb. 4, 1875 | 18 |
| Edmund R. Colhoun. | Com'dt Navy Yard, Mare Is., Cal. | Mo.... | 1839 | April 26, 1876 | 17 |
| Charles H. Baldwin. | New York..... | N. Y. | 1839 | Aug. 8, 1876 | 14 |
| Robert W. Shufeldt.. | Special Service on <i>Ticonderoga</i> .. | N. Y. | 1839 | Sept. 21, 1876 | 16 |
| Alexander C. Rhind. | Waiting Orders..... | Ala... | 1838 | Sept. 30, 1876 | 19 |
| George M. Ransom... | Commanding Navy Yard, Boston | Ohio. | 1839 | Mar. 28, 1877 | 22 |
| William E. Hopkins.. | Winchester, Va..... | Va.... | 1839 | Dec. 1, 1877 | 19 |
| Thomas Pattison.... | Com'dt N. Station, Pt. Royal, S. C. | N. Y. | 1839 | Dec. 11, 1877 | 19 |
| William N. Jeffers... | Chief Bureau Ordnance..... | N. J. | 1840 | Feb. 26, 1878 | 19 |
| Edward Simpson..... | Com'dt N. Station, New London.. | N. Y. | 1840 | April 26, 1878 | 21 |
| William G. Temple... | Washington, D. C..... | Vt.... | 1840 | June 5, 1878 | 22 |
| Samuel P. Carter.... | Member Lighthouse Board..... | Tenn. | 1840 | Nov. 30, 1878 | 18 |

Navy Yards of the United States.

1. Brooklyn Navy Yard, Brooklyn, N. Y.
2. Charlestown Navy Yard, Boston, Mass.
3. Gosport Navy Yard, near Norfolk, Va.
4. Kittery Navy Yard, opposite Portsmouth, N. H.
5. League Island Navy Yard, 7 miles below Philadelphia.
6. Mare Island Navy Yard, near San Francisco, Cal.
7. New London Naval Station (unfinished), New London, Conn.
8. Pensacola Navy Yard, Pensacola, Florida.
9. Washington City Navy Yard, Washington, D. C.

PAY TABLE OF THE NAVY.

| | At Sea. | On Shore Duty. | On Leave or Waiting Orders. |
|--|----------|-------------------|-----------------------------------|
| Admiral..... | \$13,000 | \$13,000 | \$13,000 |
| Vice-Admiral | 9,000 | 8,000 | 6,000 |
| Rear-Admirals. | 6,000 | 5,000 | 4,000 |
| Commodores..... | 5,000 | 4,000 | 3,000 |
| Captains..... | 4,500 | 3,500 | 2,800 |
| Commanders..... | 3,500 | 3,000 | 2,300 |
| Lieutenant-Commanders— | | | |
| First four years after date of commission... | 2,800 | 2,400 | 2,000 |
| After four years from date of commission... | 3,000 | 2,000 | 2,200 |
| Lieutenants— | | | |
| First five years..... | 2,400 | 2,000 | 1,600 |
| After five years..... | 2,600 | 2,200 | 1,800 |
| Masters— | | | |
| First five years. | 1,800 | 1,500 | 1,200 |
| After five years..... | 2,000 | 1,700 | 1,400 |
| Ensigns— | | | |
| First five years | 1,200 | 1,000 | 800 |
| After five years..... | 1,400 | 1,200 | 1,000 |
| Midshipmen..... | 1,000 | 800 | 600 |
| Cadet Midshipmen..... | 500 | 500 | 500 |
| Mates..... | 900 | 700 | 500 |
| Medical and Pay Directors and Medical and Pay In- spectors and Chief Engineers, having the same rank at sea..... | 4,400 | | |
| Fleet Surgeons, Fleet Paymasters, and Fleet En- gineers— | 4,400 | | |
| Surgeons, Paymasters, and Chief Engineers— | | | |
| First five years after date of commission.... | 2,800 | 2,400 | 2,000 |
| Second five years..... | 3,200 | 2,800 | 2,400 |
| Third five years..... | 3,500 | 3,200 | 2,600 |
| Fourth five years..... | 3,700 | 3,600 | 2,800 |
| After twenty years..... | 4,200 | 4,000 | 3,000 |
| Passed Assistant Surgeons, Passed Assistant Pay- masters, and Passed Assistant Engineers— | | | |
| First five years after date of appointment... | 2,000 | 1,800 | 1,500 |
| After five years..... | 2,200 | 2,000 | 1,700 |
| Assistant Surgeons, Assistant Paymasters, and As- sistant Engineers— | | | |
| First five years after date of appointment... | 1,700 | 1,400 | 1,000 |
| After five years..... | 1,900 | 1,600 | 1,200 |
| Chaplains— | | | |
| First five years..... | 2,500 | 2,000 | 1,600 |
| After five years..... | 2,800 | 2,300 | 1,900 |
| Boatswains, Gunners, Carpenters and Sail-makers— | | | |
| First three years..... | 1,200 | 900 | 700 |
| Second three years..... | 1,300 | 1,000 | 800 |
| Third three years | 1,400 | 1,300 | 900 |
| Fourth three years..... | 1,600 | 1,300 | 1,000 |
| After twelve years..... | 1,800 | 1,600 | 1,200 |
| Cadet Engineers (after examination)..... | 1,000 | 800 | 600 |
| On shore duty. On leave or waiting orders. | | | |
| Naval Constructors— | | | |
| First 5 years... \$3,200 | \$2,200 | | |
| Second 5 years... 3,400 | 2,400 | | |
| Third 5 years... 3,700 | 2,700 | | |
| Fourth 5 years... 4,000 | 3,000 | | |
| After 20 years... 4,200 | 3,200 | | |
| Ass't Naval Constructors— | | | |
| First 4 years... 2,000 | 1,500 | | |
| Second 4 years... 2,200 | 1,700 | | |
| After 8 years... 2,600 | 1,900 | | |
| Secretary to Admiral and Vice Ad- miral..... | \$2,500 | | |
| Secretaries to Commanders of Squadrons..... | 2,000 | | |
| Secretary to Naval Academy | 1,800 | | |
| Clerks to Commanders of Squad- rons and Vessels.... | | | \$750 |
| First Clerks to Commandants of Navy Yards..... | | | 1,500 |
| Second Clerks to Commandants of Navy Yards..... | | | 1,200 |
| Clerk, Mare Island Navy Yard.... | | | 1,800 |
| Clerk to Commandants Naval Sta- tions..... | | | 1,500 |
| Clerks to Paymasters at Navy Yards— Boston, New York, Philadelphia and Washington..... | | | 1,600 |
| Mare Island..... | | | 1,800 |
| Kittery, Norfolk and Pensacola.. | | | 1,400 |
| At other Stations..... | | | 1,300 |
| The pay of Seamen is \$258, and of ordi- nary seamen \$210 per annum. | | | |

NOTE.—The navy spirit ration was totally abolished July 1, 1870, and in lieu thereof the navy ration is 80 cents per day.

OFFICIAL STATISTICS OF THE STATES.

NOTE.—For State capitals and Governors, see p. 406. For meeting of Legislatures and time of elections, p. 409. For State valuations and taxes, p. 410. For population, areas, and admission to the Union, pp. 24, 84, and 411.

STATE OF ALABAMA.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|--------------------------------|----------------------|---------------|---------------|---------|
| Governor | Rufus W. Cobb.. | Nov. 28, 1878 | Nov. 27, 1880 | \$3,000 |
| Lieutenant-Governor..... | None | | | |
| Secretary of State..... | W. W. Screws..... | " | " | 1,800 |
| Treasurer | I. H. Vincent..... | " | " | 2,100 |
| Auditor..... | Willis Brewer..... | " | " | 1,800 |
| Adjutant-General..... | Thos. Macartney..... | " | " | |
| Supt. of Pub. Instruction..... | Leroy F. Box..... | " | " | 2,150 |
| Attorney-General..... | H. C. Tompkins..... | " | " | 1,500 |
| Commissioner of Lands..... | Thos. Price..... | " | " | 1,900 |
| State Librarian..... | Junius Riggs..... | " | " | 1,000 |

JUDICIARY, SUPREME COURT.—Robert C. Brickell, *Chief Justice*; Geo. W. Stone, Amos R. Manning, *Associate Justices*. Term, 6 years. Elected by people. Salary, \$4,000 each.

Amount of State Debt, Sept. 30th, 1878, \$9,452,669; interest, 5 per cent.

State Receipts for last year, ending Sept. 30th, 1878, \$718,228.36.

State Expenditures for last year, \$648,097.23.

Amount raised by Taxation last year, \$827,398.90.

Amount of Taxable Property, as assessed, real and personal, \$117,486,580.97.

Rate of State Tax, 70 cents on \$100.

STATE OF ARKANSAS.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|-------------------------------|-----------------------|--------------|--------------|---------|
| Governor..... | William R. Miller.. | Jan. 7, 1879 | Jan. 4, 1881 | \$3,500 |
| Lieut.-Governor..... | None..... | | | |
| Secretary of State..... | Jacob Frollich..... | " | " | 2,000 |
| Treasurer..... | Thos. J. Churchhill.. | " | " | 2,500 |
| Auditor..... | John Crawford..... | " | " | 2,500 |
| Attorney-General..... | Wm. F. Henderson..... | " | " | 2,000 |
| Supt. of Pub. Instruct'n..... | J. L. Denton..... | " | " | 1,800 |
| Land Commissioner..... | D. W. Lear..... | " | " | 2,000 |

JUDICIARY, SUPREME COURT.—John R. Eakin, *Chief Justice*, 8 years. W. M. Harrison, 6 years; Jesse Turner, 4 years, *Associate Justices*. Elected by the people. Salary, \$3,500 each.

Amount of State Debt, Sept. 30, 1877: Funded, \$4,152,035; unfunded, \$13,967,012.

General Statement of State Bonds issued: \$22,000 thirty year State Bank, 5 per cent; \$108,000 thirty year State Bank, 6 per cent; \$538,000 thirty year Real Estate Bank, 6 per cent; \$45,000 thirty year Real Estate Bank, 6 per cent; \$927,000 thirty year Funding, 1869, 6 per cent; \$2,231,000 thirty year Funding, 1870, 6 per cent; \$360,000 thirty year bonds, 1875, 6 per cent; \$362,300 ten year bonds, 1874 and 1875, 10 per cent; \$1,986,773 thirty year Levee bonds, 7 per cent; \$5,350,000 thirty year Railroad Aid Bonds, 7 per cent.

NOTE.—\$1,298,000 of the Funding Bonds of 1870 are of doubtful validity. The Supreme Court of Arkansas in 1878 decided that all the Levee bonds are unconstitutional and invalid. All of the Railroad Aid bonds have been declared by the Supreme Court to have been illegally issued.

State Receipts for year ending Sept. 30, 1877, \$639,383.

State Expenditures for year, \$528,429.

Amount raised by Taxation, \$457,450.

Amount of Taxable Property, as assessed: Real, \$61,900,432; personal, \$32,092,425.

Rate of State Tax, 10 mills on the dollar.

STATE OF CALIFORNIA.

| STATE OFFICERS. | NAME. | Term of Office. | Term Began. | Term Ends. | Salary. |
|--------------------------|--------------------|-----------------|----------------|----------------|---------|
| Governor | William Irwin.... | 4 yrs. | Dec. 6, 1875. | Dec. 1, 1879. | \$7,000 |
| *Lieutenant-Governor.. | Jas. A. Johnson.. | " | " | " | ..... |
| Secretary of State..... | Thomas Beck..... | " | " | " | 4,000 |
| Treasurer..... | José G. Estudillo. | " | " | " | 4,000 |
| Comptroller..... | W. B. C. Brown.. | " | " | " | 4,000 |
| Adjutant-General | P. F. Walsh..... | " | " | " | 3,000 |
| Supt. Pub. Instruction.. | Ezra S. Carr..... | " | " | " | 3,000 |
| Attorney-General..... | Jos. Hamilton.... | " | " | " | 4,000 |
| Sec'y Bd. Agriculture.. | Robert Beck..... | " | " | " | 1,800 |
| Surveyor-General..... | William Minis.... | " | " | " | 4,000 |
| State Librarian. | R. O. Cravens.... | " | Mar. 13, 1878. | Mar. 12, 1882. | 3,000 |

* The Lieutenant-Governor receives \$12 per day during sessions of the Legislature as President of the Senate. He is Warden of State Prison, and receives for that a salary of \$10 per day.

JUDICIARY, SUPREME COURT.—Wm. T. Wallace, *Chief Justice*; A. L. Rhodes, A. C. Niles, E. W. McKinstry, J. B. Crockett, *Associate Justices*. Term, 10 years. Elected by the people. Salary, \$5,000 each.

Amount of State Debt, Oct. 31st, 1878: Funded, \$3,403,000; Unfunded, none.

General Statement of State Bonds issued: Civil Bonds of 1873, 6 per cent interest, \$2,801,000; State Capital Bonds of 1870, 7 per cent interest, \$250,000; ditto, of 1872, 7 per cent interest, \$250,000; Soldier Relief Bonds, 7 per cent interest, \$95,500; Civil Bonds of 1857, 7 per cent interest, \$5,000; ditto of 1860, 7 per cent interest, \$1,500. Total, \$3,403,000.

State Receipts for year ending June 30th, 1878, \$3,913,494.45.

State Expenditures for last year, \$3,797,864.68.

Amount of Taxable Property, as assessed, real and personal, \$584,563,651.

Rate of State Tax, year ending June 30th, 1879, 53 cents on \$100.

STATE OF COLORADO.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|---------------------|--------------------------|---------------|---------|
| Governor..... | Fredk. W. Pitkin.. | Jan. 14, 1879 | Jan. 10, 1881 | \$3,000 |
| Lieutenant-Governor.... | H. A. W. Tabor.... | " | " | 1,000 |
| Secretary of State..... | N. H. Meldrum.... | " | " | 2,200 |
| Treasurer..... | Nathan S. Culver.. | " | " | 2,000 |
| Auditor..... | Eugene K. Stimpson | " | " | 2,000 |
| Adjutant-General..... | Robert S. Roe..... | At pleasure of Governor. | | 500 |
| Supt. of Pub. Instruct'n. | Joseph C. Shattuck | Jan. 14, 1879 | Jan. 10, 1881 | 2,000 |
| Attorney-General..... | Charles W. Wright. | " | " | 2,000 |
| State Librarian.... | Joseph C. Shattuck. | " | " | 500 |

JUDICIARY, SUPREME COURT.—Henry C. Thatcher, *Chief Justice*; term, 9 years; elected by the people; salary \$3,250. Samuel H. Elbert, Wilbur F. Stone, *Associates*; salary of each, \$3,250. After short terms expire, Thatcher, 3 years; Elbert, 6 years; Stone, 9 years.

Amount of State Debt on Nov. 30th, 1878, \$123,803.10; consisting only of State warrants issued in anticipation of taxes accruing.

Colorado has no bonded debt, the State Constitution expressly prohibiting the Legislature from creating any debt beyond the amount actually provided for by taxation, in advance of appropriations.

State Receipts for two years, ending Nov. 30th, 1878, \$307,893.53.

State Expenditures for two years, \$335,688.29.

Amount raised by taxation last year, \$155,506.15.

Amount of taxable property as assessed: Real, \$25,804,345; personal, \$17,268,303. Rate of State tax, 3½ mills on \$1, besides 50 cents *per capita* for military purposes.

STATE OF CONNECTICUT.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|------------------------------------|---------------------|---------------|----------------|---------|
| Governor..... | Charles B. Andrews. | Jan. 9, 1879. | Jan. 13, 1881. | \$2,000 |
| Lieut.-Governor..... | David Gallup. | ..... | ..... | 500 |
| Secretary of State..... | David Torrance. | ..... | ..... | 1,500 |
| Treasurer..... | Talmadge Baker. | ..... | ..... | 1,500 |
| Comptroller..... | Chauncey Howard. | ..... | ..... | 1,500 |
| Sec. State Board of Education..... | B. G. Northrop. | ..... | ..... | 2,500 |
| Adjutant-General..... | Wm. B. Franklin. | ..... | ..... | ..... |
| Sec. B'd of Agriculture | T. S. Gold. | ..... | ..... | ..... |
| State Librarian..... | Charles J. Hoadly. | ..... | ..... | 1,800 |

JUDICIARY, SUPREME COURT.—John D. Park, *Chief Justice*, 8 years; Elisha Carpenter, Dwight W. Pardee, Dwight Loomis, Miles T. Granger, Edward I. Sanford, Roland Hitchcock, Earl Martin, Sidney B. Beardsley, Moses Culver, James A. Hovey, *Associate Justices*; term of all, 8 years. Elected by the General Assembly. Salary of each, \$1,000.

Amount of State Debt Dec. 1, 1877, \$4,967,600, viz.: Bonds of 1863, redeemable 1863, 6 per cent., \$377,000; bonds of 1864, redeemable 1864, 6 per cent., \$1,318,500; bonds of 1865, redeemable 1885, 6 per cent., \$1,741,100; bonds of 1877, redeemable 1887, 5 per cent., \$1,861,000. Total, \$4,967,600.

State Receipts for year ending Dec. 1, 1878, \$1,652,570.31.

State Expenditures for last year, \$1,542,612.53.

Amount raised by taxation last year, \$2,246,490.

Amount of taxable property as assessed: Real, \$228,027,032; personal, \$106,379,905. Rate of State Tax, 1½ mills on the dollar.

The State Tax on property produced \$602,465, while no less than \$1,644,025 was derived from taxes on railroad companies, savings banks, insurance companies, telegraph and express companies, and non-resident stockholders.

A State law requires the Comptroller to collect and publish annually a statement of the total indebtedness, rate of tax, receipts from taxation, and actual expenditures of every town, city and county in Connecticut. This return, Oct. 1, 1877, exhibited the following interesting statistics:

Total debts of towns, cities and counties, \$17,151,327; total amount raised by taxation during the year, \$4,628,164; total expenditure for interest during the year, \$1,089,979; total expenditure for schools during the year, \$1,017,237; total expenditure for roads during the year, \$632,453; total expenditure for paupers during the year, \$351,728; total expenditure for police during the year, \$215,146; total expenditure for salaries during the year, \$190,202; total expenditure for Fire Department during the year, \$184,441.

STATE OF DELAWARE.

| STATE OFFICERS. | NAME. | Term of Office. | Term Began. | Term Ends. | Salary. |
|-------------------------|-------------------|-----------------|----------------|----------------|---------|
| Governor..... | John W. Hall... | 4 yrs. | Jan. 21, 1879. | Jan. 21, 1883. | \$2,000 |
| Lieutenant-Governor... | None. | ..... | ..... | ..... | ..... |
| Secretary of State..... | Ignatius C. Grubb | 4 yrs. | ..... | ..... | ..... |
| Treasurer..... | Thomas B. Giles. | 2 yrs. | ..... | ..... | ..... |
| Auditor..... | Nathan Pratt. | ..... | ..... | ..... | ..... |
| Adjutant-General..... | W. S. McCaulley. | ..... | ..... | ..... | ..... |
| Supt. Pub. Instruction. | James H. Graves. | 1 yr. | ..... | ..... | ..... |
| Attorney-General..... | J. B. Pennington. | 5 yrs. | ..... | Oct., 1879. | ..... |
| State Librarian..... | G. H. Shakspeare. | 2 yrs. | ..... | ..... | ..... |

JUDICIARY, SUPREME COURT.—Jos. P. Comegys, *Chief Justice*; L. E. Wales, John W. Houston, Edw. Wootton, *Associate Justices*; Willard Saulsbury, *Chancellor*. Term, for life. Appointed by Governor. Salary, Chief Justice and Chancellor, \$2,500 each; Associate Justices, \$2,000.

Amount of State Debt, Dec. 12, 1878, \$953,000, all funded.

The State holds interest-paying securities (railroad, etc.) to the amount of \$1,120,799, and is virtually out of debt. The annual receipts were about \$195,000, and the annual expenditures \$105,000, at the date of the last Governor's message. Of the tax receipts, no less than \$49,590 was from licenses, \$33,812 from tax on railroads and passengers, and only \$30,956 from taxes on real and personal property, in the whole State.

STATE OF FLORIDA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---|----------------------|--------------------------------------|--------------|---------|
| Governor | Geo. F. Drew | Jan. 1, 1877 | Jan. 1, 1881 | \$3,500 |
| Lieutenant-Governor... | Noble A. Hull..... | " | " | 500 |
| Secretary of State..... | W. D. Bloxham | " | " | 2,000 |
| Treasurer..... | Walter Gwynn..... | " | " | 2,000 |
| Comptroller..... | Columbus Drew | " | " | 2,000 |
| Attorney-General..... | Geo. P. Raney..... | " | " | 2,000 |
| Supt. of Pub. Instruct'n | W. P. Halsley..... | " | " | 2,000 |
| Adjutant-General..... | J. J. Dickison..... | ..... | ..... | ..... |
| Commissioner of Lands and Immigration..... | Hugh A. Corley..... | Jan. 1, 1877 | Jan. 1, 1881 | 2,000 |
| State Librarian..... | Chas. H. Foster..... | Clerk Supreme Ct., <i>ex-officio</i> | | 800 |

JUDICIARY, SUPREME COURT.—Edwin M. Randall, *Chief-Justice*; term of office for life; appointed by Governor, with consent of Senate; salary, \$3,000. James D. Westcott, Jr., R. B. Van Valkenburgh, *Associates*; term, for life; appointed by Governor, with consent of Senate; salary of each, \$3,000.

Amount of State Debt, Jan. 1st, 1878: Funded, \$1,294,700; unfunded, \$65,572.81.

General Statement of State Bonds issued, \$1,500 Convention Bonds of 1868, 8 per cent.; \$6,800 bonds of 1857, 7 per cent.; \$350,000 bonds of 1871, 7 per cent.; \$925,000 bonds of 1873, 6 per cent., gold.

Amount in Sinking Fund, \$143,900.

State Receipts for year ending Jan. 1st, 1878, \$315,468.

State Expenditures for year, \$133,970.86.

Amount raised by taxation, \$225,000.

Amount of taxable property as assessed: Real, \$19,713,463; personal, \$10,197,991. Rate of State tax, 90 cents on every \$100, of which 35 cents were remitted in 1878, owing to reduced expenditure.

STATE OF GEORGIA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|----------------------|--------------|--------------|---------|
| Governor..... | Alfred H. Colquitt.. | Jan. 1, 1877 | Jan. 1, 1881 | \$4,000 |
| Lieut.-Governor | None. | | | |
| Secretary of State..... | N. C. Barrett..... | " | " | 2,000 |
| Treasurer..... | John W. Renfroe..... | " | " | 2,000 |
| Comptroller-General.... | W. L. Goldsmith.... | " | " | 2,000 |
| Attorney-General..... | Robert N. Ely..... | ..... | ..... | 2,000 |
| Supt. of Pub. Instruct'n | G. J. Orr..... | " | " | ..... |

JUDICIARY, SUPREME COURT.—Hiram Warner, *Chief Justice*; Logan E. Bleckley, James Jackson, *Associate Justices*. Term, 8 years. Elected by the Legislature. Salary, \$3,500 each.

N. B.—Future judges of the Supreme Court are to receive \$3,000 per annum.

Amount of State Debt, Jan. 1, 1878, \$10,644,500, funded at 6 per cent., 7 per cent., and 8 per cent. interest. Railroad bonds indorsed by the State, \$2,688,000. The new State Constitution, adopted 1877, declared void sundry bonds and State indorsements issued in aid of railroads.

State Receipts for year 1878, \$1,998,346.84.

State Expenditures for year, \$1,728,910.

Amount raised by Taxation, \$1,129,990.51.

Amount of Taxable Property, as assessed: Real, \$140,153,250; personal, \$93,506,230.

Rate of State Tax, 5 mills on the dollar.

STATE OF ILLINOIS.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|-------------------------------|---------------|---------------|---------|
| Governor..... | Shelby M. Cullom.. | Jan. 8, 1877 | Jan. 10, 1881 | \$6,000 |
| Lieutenant-Governor... | Andrew Shuman... | " | " | 1,000 |
| Secretary of State..... | Geo. H. Harlow..... | " | " | 2,500 |
| Treasurer..... | John C. Smith..... | Jan. 13, 1879 | " | 3,500 |
| Auditor..... | Thos. B. Needles.... | Jan. 8, 1877 | " | 3,500 |
| Adjutant-General..... | H. Hilliard..... | July 2, 1877 | " | 2,000 |
| Supt. of Pub. Instruct'n | James P. Slade..... | Jan. 13, 1879 | Jan. 10, 1881 | 2,500 |
| Attorney-General..... | Jas. K. Edsall..... | Jan. 8, 1877 | " | 2,500 |
| Sec. Bd. of Agriculture. | S. D. Fisher..... | Jan. 12, 1875 | Jan. —, 1879 | 2,000 |
| State Librarian..... | Sec. of State, <i>ex-off.</i> | " | " | " |

JUDICIARY, SUPREME COURT.—Alfred M. Craig, *Chief-Justice*; John Scholfeld, T. Lyle Dickey, John M. Scott, Pinkney H. Walker, David J. Baker, *Associate Justices*. Term, 9 years each. Elected by the people. Salary, \$5,000 each.

Amount of State Debt, Oct. 1, 1878, \$552,742.06.

State Receipts for two years ending Oct. 1, 1878, \$6,659,771.36.

State Expenditures for two years, \$6,538,626.18.

Amount raised by Taxation, \$2,640,025.

Amount of Taxable Property, as assessed, real and personal, \$361,712,532.

Rate of State Tax, 36 cents on \$100.

The Report of the State Auditor exhibits the amount of municipal debts in Illinois in 1878 as aggregating \$31,811,691, about 30 per cent. of which was incurred in aid of railroads. The State constitution now prohibits cities or counties from subscribing to railroad or other corporations, and limits municipal debts to 5 per cent on aggregate taxable property.

STATE OF INDIANA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|---------------------|---------------|---------------|---------|
| Governor..... | James D. Williams. | Jan. 8, 1877 | Jan. 3, 1881 | \$6,000 |
| Lieutenant-Governor... | Isaac P. Gray..... | " | " | " |
| Secretary of State..... | John G. Shanklin... | Jan. 16, 1879 | " | 2,000 |
| Treasurer..... | William Fleming.... | Feb. 10, 1879 | Feb. 10, 1881 | 2,000 |
| Auditor..... | M. D. Manson..... | Jan. 25, 1879 | Jan. 25, 1881 | 2,500 |
| Attorney-General..... | Thomas Woolen..... | Nov. —, 1878 | Nov. —, 1880 | 2,000 |
| Supt. of Pub. Instruct'n | James H. Smart.... | Mar. 15, 1877 | Mar. 15, 1881 | 2,500 |
| State Librarian..... | Richard J. Connor.. | April 1, 1877 | April 1, 1879 | 1,200 |

JUDICIARY, SUPREME COURT.—James L. Worden, Samuel E. Perkins, Horace P. Biddle, George V. Howk, William E. Niblack; term of office, 6 years; elected by the people; salary, \$4,000.

Amount of State Debt, Nov. 1st, 1878, \$4,996,178.34, all at 6 per cent. interest.

State Receipts for year ending Nov. 1st, 1878, \$1,860,777.61.

State Expenditures for year, \$1,497,356.20.

Amount raised by taxation, \$1,211,600.

Amount of taxable property as assessed: Real, \$659,963,057; personal, \$315,829,988. Rate of State tax, 12 cents on each \$100.

STATE OF IOWA.

| STATE OFFICERS. | NAME. | Term of Office. | Term Began. | Term Ends. | Salary. |
|---------------------------|--------------------|--------------------------|---------------|---------------|---------|
| Governor..... | John H. Gear.... | 2 yrs. | Jan., 1878. | Jan., 1880. | \$3,000 |
| Lieutenant-Governor... | F. T. Campbell... | " | " | " | 550 |
| Secretary of State..... | J. A. T. Hull..... | " | Jan. 6, 1879. | Jan. 2, 1881. | 2,200 |
| Treasurer..... | Geo. W. Bemis.... | " | " | " | 2,200 |
| Auditor..... | Buren R. Sherman.. | " | " | " | 2,200 |
| Adjutant-General..... | W. L. Alexander... | At pleasure of Governor. | " | " | 1,000 |
| Supt. Pub. Instruction. | C. W. Von Coelln.. | " | Jan. 7, 1878. | Jan. 4, 1880. | 2,200 |
| Attorney-General..... | J. F. McJunkin... | " | Jan. 6, 1879. | Jan. 2, 1881. | 1,500 |
| Sec'y State Ag. Society. | Jno. R. Shaffer... | " | " | " | " |
| Register State L'd Office | James K. Powers... | " | " | " | 2,000 |
| State Librarian..... | Mrs. S. B. Maxwell | At pleasure of Governor. | " | " | 1,000 |

STATE OF IOWA (*Continued*).

JUDICIARY, SUPREME COURT.—Joseph M. Beck, *Chief-Justice*; Austin Adams, Wm. H. SeEVERS, James G. Day, James H. Rothrock, *Associate Justices*. Term, 6 years. Elected by the people. Salary, \$4,000 each.

Amount of State Debt, Sept. 30th, 1877: \$300,000, of War and Defence Fund.

The Revenue Fund is responsible to the School Fund for \$345,435.19 at 8 per cent.

Total State Debt, \$545,435.19.

State Receipts for two years between Nov. 1st, 1875, and Sept. 30th, 1877, \$2,137,682.40.

State Expenditures, same period, \$2,122,470.78.

Amount raised by Taxation, same period, \$1,930,123.98.

STATE OF KANSAS.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|--------------------------|-------------------------------|------------------------------|----------------|---------|
| Governor..... | John P. St. John... | Jan. 13, 1879. | Jan. 10, 1881. | \$3,000 |
| Lieutenant-Governor... | L. U. Humphrey... | " | " | ..... |
| Secretary of State..... | James Smith..... | " | " | 2,000 |
| Treasurer..... | John Francis..... | " | " | 2,000 |
| Auditor..... | P. J. Bonebrake..... | " | " | 2,000 |
| Adjutant-General..... | P. S. Noble..... | At pleasure of the Governor. | | 1,800 |
| Supt. Pub. Instruction.. | A. B. Lemon.. | Jan. 13, 1879. | Jan. 10, 1881. | 2,000 |
| Attorney-General..... | Willard Davis..... | " | " | 1,500 |
| Sec'y Bd. of Agriculture | Alfred Gray..... | " | " | 2,000 |
| State Librarian..... | D. Dickinson..... | " | " | 1,500 |
| Commissioner of Lands | Auditor, <i>ex officio</i>.. | " | " | ..... |

JUDICIARY, SUPREME COURT.—Albert H. Horton, *Chief-Justice*; D. J. Brewer, D. M. Valentine, *Associate Justices*. Chief Justice, 6 years; Associate Justices, 4 years. Elected by the people. Salary, \$3,000 each.

Amount of State Debt, July 1st, 1878, \$1,181,975.

General Statement of State Bonds Issued: \$101,475 at 6 per cent; \$1,080,500 at 7 per cent. Total, \$1,181,975.

Amount in Sinking Fund, \$94,275.

Amount in Permanent School Fund, \$607,925.

State Receipts for year ending July 1st, 1878, \$1,206,675.

State Expenditures for year, \$1,272,910.

Amount raised by taxation for year, \$705,060.

Value of taxable property, as assessed: Real, \$96,695,457; Personal, \$41,131,186.

Rate of Taxation, 1878, 55 cents on each \$100.

STATE OF KENTUCKY.

| STATE OFFICERS. | NAME. | Term of office. | Term began | Term ends. | Salary. |
|---|--------------------|-----------------|--------------|--------------|--|
| Governor..... | Jas. B. McCreary. | 4 yrs. | Aug. 31, '75 | Sept. 3, '79 | \$5,000 |
| Lieutenant-Governor... | J. C. Underwood | " | " | " | \$10 per day during session of Senate. |
| Secretary of State..... | J. S. Johnston.... | " | " | " | \$1,500 |
| Treasurer..... | James W. Tate.... | 2 yrs. | Jan. 7, '78 | Jan. 1, '80 | 2,400 |
| Auditor..... | D. H. Smith..... | 4 yrs. | Jan. 3, '76 | Jan. 5, '80 | 2,500 |
| Quartermaster-General. | Joe. P. Nuckols... | " | Aug. 31, '75 | Sept. 3, '79 | 2,400 |
| Adjutant-General..... | J. M. Wright..... | " | " | " | 1,800 |
| Supt. of Pub. Instruct'n | H. A. M. Henderson | " | " | " | 3,000 |
| Attorney-General..... | Thos. E. Moss..... | " | " | " | 500 and fees. |
| Register of Land Office. | Thos. D. Marcum. | " | " | " | \$2,000 |
| Com'r of Agriculture, Horticulture, and Statistics..... | W. J. Davie..... | " | " | " | 2,000 |
| State Librarian..... | Mrs. C. Bush..... | 2 yrs. | Feb. 17, '78 | Feb. 17, '80 | 1,000 |
| Insurance Com'r..... | Bedford Leslie... | 4 yrs. | Jan. 4, '76 | Jan. 1, '80 | 4,000 |

STATE OF KENTUCKY—(Continued).

JUDICIARY, SUPREME COURT.—William S. Pryor, *Chief Justice*; term expires 1st Mon., Sept. 1880. M. H. Cofer, *Associate Justice*; term expires 1st Mon., Sept. 1882. John L. Elliott, *Associate Justice*; term expires 1st Mon. Sept., 1884. Thomas H. Hines, *Associate Justice*; term expires 1st Mon. Sept., 1886. State divided into four appellate districts. Term of office, 8 years. One judge elected every 2 years; the judge having shortest time to serve being Chief Justice. Salary, \$5,000 each.

Amount of State Debt, Oct. 10th, 1878: \$180,304, 6 per cent; School Fund, \$1,327,000, 6 per cent, redeemable at pleasure of Legislature; ditto, \$845,447.30, not redeemable. Total Debt, \$1,852,841.30.

Amount in Sinking Fund, \$230,000, 5-20 gold-bearing bonds.

State Receipts, year ending Oct. 10th, 1878: Revenue, \$1,120,223.37; White School Fund, \$818,401.01; Sinking Fund, \$196,030.77; Negro School Fund, \$28,060.79; En. Militia, \$2,665.44; Ins. Bureau, \$9,709.76; Military Fund, \$3.

State Expenditures, year ending Oct. 10th, 1878: Revenue, \$1,538,243.94; White School Fund, \$319,887.25; Sinking Fund, \$196,030.77; Negro School Fund, \$31,969.22; En. Militia, \$1,822.21; Ins. Bureau, \$10,474.95; Military Fund, none.

Amount raised by Taxation, 1878: White, \$1,416,078.70; Negro, \$14,878.70.

Amount of Taxable Property, as assessed, real and personal: White, \$354,019,676; Negro, \$3,306,337.

Rate of State Tax, per cent: White, 40 c. per \$100; Negro, 45 c.

STATE OF LOUISIANA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|----------------------|--------------|--------------|---------|
| Governor..... | Francis T. Nicholls | Jan. 8, 1877 | Jan. —, 1881 | \$8,000 |
| Lieutenant-Governor.... | Louis A. Wiltz. | " | " | 8,000 |
| Secretary of State..... | Will. A. Strong..... | " | " | 3,000 |
| Treasurer..... | E. A. Burke..... | Jan. 1, 1879 | Jan. 1, 1883 | 5,000 |
| Auditor..... | Allen Jumel..... | Jan. 8, 1877 | Jan. 1, 1881 | 5,000 |
| Attorney-General..... | Horatio N. Ogden.... | " | Jan. —, 1881 | 5,000 |
| Supt. of Pub. Instruct'n. | Robt. M. Lusher.... | " | " | 5,000 |
| Asst. Attorney-General.. | James C. Egan..... | " | " | 3,000 |
| Commissioner of Lands.. | James Graham..... | " | " | 1,500 |
| State Librarian..... | Lavilla A. McDonald | ..... | ..... | 900 |

JUDICIARY, SUPREME COURT.—Thomas C. Manning, *Chief Justice*; term of office, 8 years; salary \$7,500. William B. Egan, Robert H. Marr, Alcibiade De Blanc, William B. Spencer, *Associates*; term of office, 8 years; all appointed by the Governor and confirmed by the Senate; salary of each, \$7,000.

Amount of State Debt, Jan. 1st, 1879, \$11,724,800, funded.

All bonds issued now bear date of Jan. 1st, 1874, and bear a uniform interest of 7 per cent. These bonds have been made by reducing or funding the indebtedness at sixty (60) cents on the dollar.

The unpaid interest on consolidated bonds from 1874 to 1878, inclusive, amounts to \$579,732, to which should be added amount to be paid on bonds to be funded, \$266,256.

The State Auditor estimates the unfunded bonds yet to be converted into consols at \$653,800, and miscellaneous indebtedness \$932,780, which, at 60 cents on the dollar, make \$950,918 to be added to the State debt, as given above.

State Receipts for year ending Jan. 1st, 1878, \$2,606,351.52.

State Expenditures for year, \$2,719,412.24.

Amount raised by taxation, \$2,432,188.

Amount of taxable property as assessed: Real, \$138,164,847; personal, \$36,468,886. Rate of State Tax, 13 mills on \$1.

STATE OF MAINE.

| STATE OFFICERS. | NAME. | Term of office. | Term began. | Term ends. | Salary. |
|----------------------|--------------------|-----------------|----------------|-----------------|---------|
| Governor..... | Alonzo Garcelon.. | 1 yr. | Jan. 3, 1879. | Jan. 1, 1880. | \$2,500 |
| Lieut.-Governor.... | None. | " | " | " | 1,500 |
| Secretary of State.. | Edward H. Gove.. | " | " | " | 2,000 |
| Treasurer..... | Charles A. White.. | " | " | " | 1,500 |
| Adjutant General.. | Samuel D. Leavitt. | " | " | " | 1,500 |
| Supt. of Pub. Inst'n | W. J. Corthell.... | 3 yrs. | Oct. 14, 1876. | Oct. 14, 1879. | 1,500 |
| Attorney-General.. | Wm. C. McClellan | 1 yr. | Jan. 3, 1879. | Jan. 1, 1883. | 1,000 |
| Sec. Bd. of Agricul. | S. L. Boardman.... | " | " | " | 800 |
| Commis'r of Lands | E. C. Burleigh.... | 8 yrs. | April 5, 1876. | April 15, 1879. | 1,500 |
| State Librarian..... | J. D. Myrick..... | " | Oct. 10, 1878. | Oct. 16, 1881. | 1,000 |

STATE OF MAINE—(Continued).

NOTE.—At the State election September 9th, 1878, there was no choice of Governor by the people. The Legislature, at its January, 1879, session, elected a Governor as well as other State officers whose terms had then expired.

JUDICIARY, SUPREME COURT.—John Appleton, *Chief-Justice*; Charles W. Walton, William G. Barrows, Charles Danforth, William W. Virgin, John A. Peters, Artemas Libby, Joseph W. Symonds, *Associate Judges*. Appointed by the Governor for seven years. Salary, \$3,000 each.

Amount of State Debt Jan. 1st, 1878: Funded, \$5,873,900; unfunded, none.

General Statement of State Bonds issued: Feb. 5th, 1861, \$25,000; Jan. 31, 1863, \$385,000; March 26th, 1863, \$307,000; March 19th, 1864, \$2,330,000; March 7th, 1868, \$2,826,000—all bearing 6 per cent interest.

Amount in Sinking Fund Jan. 1st, 1878, \$911,436.

State Receipts for year ending Dec. 31st, 1878, \$1,207,738.27.

State Expenditures for last year, \$1,371,637.64.

Amount raised by Taxation last year, \$675,173.58.

Amount of taxable property as assessed: Real and personal, \$324,579,508.

In the State valuation the real and personal is all put together.

Rate of State Tax, 1878, 40 cents on \$100.

STATE OF MARYLAND.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|----------------------|--------------|--------------|---------|
| Governor | John Lee Carroll.... | Jan. 1, 1876 | Jan. 1, 1880 | \$4,500 |
| Lieutenant-Governor.... | None. | | | |
| Secretary of State..... | Richd. C. Hollyday. | " | " | 2,500 |
| Treasurer..... | Barnes Compton.... | Jan. 1, 1877 | " | 2,500 |
| Comptroller..... | Thos. T. Keating.... | " | " | 2,500 |
| Adjutant-General..... | Frank A. Bond..... | Jan. 1, 1876 | " | 2,000 |
| Supt. of Pub. Instruct'n. | M. A. Newell..... | " | " | 2,000 |
| Attorney-General..... | C. J. M. Gwinn.... | " | " | 3,000 |
| Commissioner of Lands. | Wm. H. Hayward.... | " | " | 1,500 |
| State Librarian..... | J. H. T. Magruder.. | " | " | 1,500 |

JUDICIARY, COURT OF APPEALS.—James L. Bratol, *Chief-Justice*; elected by the people; term, 15 years. James A. Stewart, John M. Robinson, R. J. Bowie, R. H. Alvey, George Brent, Richard Grason, Oliver Miller, *Associate Judges*. Salary, \$3,500. Appointed.

Election of 1878.—Democratic vote, 67,978; Republican vote, 53,914.

Amount of State Debt on Oct. 1st, 1877, \$10,758,678, funded. About half the debt bears 5 per cent interest, and the remainder 6 per cent.

The State holds, as against its public debt, interest-paying securities amounting to \$4,235,713, besides \$23,360,682 in unproductive securities.

State Receipts for year ending Oct. 1st, 1877, \$2,109,193.75.

State Expenditures for year, \$2,179,813.76.

Amount raised by taxation last year, \$1,563,956.54.

Amount of taxable property as assessed: Real and personal, \$478,468,028; railroad property, \$68,576,242. Aggregate of property taxed, \$547,044,270.

Rate of State Tax, 17 cents on \$100.

STATE OF MASSACHUSETTS.

| STATE OFFICERS. | NAME. | Term of Office. | Term Began. | Term Ends. | Salary. |
|------------------------|----------------------|-----------------|---------------------------|---------------------------|---------|
| Governor..... | Thomas Talbot.... | 1 year. | First Wed. in Jan., 1879. | First Wed. in Jan., 1880. | \$5,000 |
| Lieutenant-Gov'nr. | John D. Long..... | " | " | " | 2,500 |
| Secretary of State.... | Henry B. Pierce.... | " | " | " | 3,000 |
| Treasurer..... | Charles Endicott.. | " | " | " | 5,000 |
| Auditor..... | Julius L. Clarke.... | " | " | " | 3,000 |
| Adjutant-General.... | J. A. Cunningham.. | " | " | " | 2,500 |
| Sec'y Bd. Education. | John W. Dickinson.. | " | " | " | " |
| Attorney-General.... | George Marston.... | " | " | " | 5,000 |
| Sec'y Bd. Agricult.. | Chas. L. Flint..... | " | " | " | 2,500 |
| State Librarian..... | Oliver Warner..... | " | " | " | 2,000 |

STATE OF MASSACHUSETTS—(Continued).

SUPREME JUDICIAL COURT.—Horace Gray, *Chief Justice*; Seth Ames, James D. Colt, Marcus Morton, William C. Endicott, Otis P. Lord, Augustus L. Soule, *Associate Justices*. Office held during good behavior. Appointed by Governor. Salary, *Chief Justice*, \$6,500; *Associate Justices*, \$6,000 each.

Amount of State Debt, Nov. 1st, 1878. \$33,020,464, all funded at 5 percent interest. No floating debt.

General Statement of State Bonds issued: Union Fund, 1878, \$200,000; Filling Back Bay Lands, 1880, \$220,000; Southern Vermont Railroad, 1890, \$200,000; Coast Defence, 1883, \$888,000; Troy & Greenfield Railroad, 1888-1897, \$13,939,972; Boston, Hartford & Erie Railroad, 1900, \$3,599,024; Bounty Fund, 1883, 1894, and 1895, \$88,580,244; War Fund, 1889, \$999,944; Danvers Lunatic Hospital, 1894, 1896, and 1897, \$1,500,000; Harbor Improvements (new), 1894 and 1896, \$700,000; Worcester Lunatic Hospital (new), 1895 and 1896, \$1,100,000; State Prisons Loan, 1895, \$1,292,280. Total, \$33,219,464. Funding Public Debt, Loan of 1856, due in 1862, and not presented for payment, \$1,000. Grand total, \$33,220,464.

Amount in Sinking Fund, Jan. 1st, 1878, \$10,885,690.21.

State Receipts for year ending Jan. 1st, 1878, \$7,244,900.23.

State Expenditures for year, \$5,787,127.51.

Amount raised by Taxation, 1878, \$1,000,000.

Amount of Taxable Property, as assessed, real, \$1,118,557,164; personal, \$450,431,046.

Rate of State Tax, year ending Dec. 31st, 1878, 63 $\frac{7}{10}$ cents on \$1,000. In addition to the regular State tax, Massachusetts assesses corporations, over and above the local taxation, upon a valuation aggregating \$74,244,884.38, which is assessed at the average rate in the State, to wit, \$12.54 on \$1,000. The proceeds of this tax is distributed to the cities and towns where the stockholders reside, if within the commonwealth.

STATE OF MICHIGAN.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|----------------------------------|----------------------|--|----------------|----------|
| Governor..... | Charles M. Croswell | Jan. 1, 1879. | Dec. 31, 1881. | \$1,000 |
| Lieut.-Governor..... | Alonzo Sessions..... | " | " | \$3 day. |
| Secretary of State.. | Wm. Jenney..... | " | " | 800 |
| Treasurer..... | Benj. D. Pritchard.. | " | " | 800 |
| Auditor-General..... | W. Irving Latimer.. | " | " | 1,000 |
| Adjutant-General..... | John Robertson.... | " | " | 1,000 |
| Supt. of Pub. Instruct'n | Cornelius A. Gower.. | Jan. 1, 1879. | Dec. 31, 1880. | 1,000 |
| Attorney-General..... | Otto Kirchner..... | 1st term, Jan. 1, 1877. | | 800 |
| | | 2d term, Jan. 1, 1879. | Jan. 1, 1880. | |
| Sec. B'd of Agriculture. | Robert G. Baird..... | Appointed by Bd. of Agriculture during pleasure. | | 1,000 |
| Commissioner of Land Office..... | James M. Neasmith. | Jan. 1, 1879. | Dec. 31, 1880 | 800 |
| State Librarian..... | Harriet A. Tenney... | Appointed by Gov. & Senate | | 1,000 |

JUDICIARY, SUPREME COURT.—Thomas M. Cooley, *Chief Justice*, 8 years; term expires Dec. 31, 1885; James V. Campbell, 8 years; term expires Dec. 31, 1879; Isaac Marston, 8 years; term expires Dec. 31, 1881; Benjamin F. Graves, 8 years; term expires Dec. 31, 1883; *Associate Justices*. Elected by the people. Salary of each, \$4,000.

Amount of State Debt, funded, Oct. 1, 1878, \$959,149.97.

Amount in Sinking Fund, \$724,251.

State Receipts for year ending Oct. 1, 1877, \$1,883,825.

State Expenditures for year, \$2,288,069.

Amount raised by taxation last year, \$603,348.

Amount of taxable property as assessed: Real, \$308,753,086; Personal, \$26,127,992.

Rate of State Tax, 17 mills on each \$100 of valuation.

STATE OF MINNESOTA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|-----------------------|------------------------|--------------|---------|
| Governor..... | J. S. Pillsbury..... | Jan. 8, 1878 | Jan. 6, 1880 | \$3,000 |
| Lieutenant-Governor.... | J. B. Wakefield. . . | " " | " " | 600 |
| Secretary of State..... | J. S. Irgeuz. | " " | " " | 1,800 |
| Treasurer..... | Wm. Pfaender..... | " " | " " | 3,500 |
| Auditor..... | O. P. Whitcomb..... | " " | " " | 2,500 |
| Attorney-General..... | Geo. P. Wilson..... | " " | " " | 1,500 |
| Supt. of Pub. Instruct'n. | D. Burt..... | Appointed by Governor. | | 2,500 |
| Adjutant-General..... | H. P. Van Cleave..... | " " | " " | 1,500 |
| Insurance Commissioner | A. R. McGill..... | " " | " " | 2,000 |
| State Librarian..... | W. H. Taylor..... | " " | " " | 1,200 |

JUDICIARY, SUPREME COURT.—James Gilfillan, *Chief Justice*; term, 7 years; elected by the people; salary, \$4,000. John M. Berry and F. R. E. Cornell, *Associates*; term, 7 years; elected by the people; salary of each, \$4,000.

Amount of State Debt, Nov. 30th, 1878, \$400,000, funded, bearing 7 percent. interest; unfunded, \$122,001.94.

Besides this debt there are disputed bonds, issued in 1838, due 1883, to aid in the construction of railroads, \$2,275,000.

Amount in Sinking Fund, \$64,639.37.

State Receipts for year ending Nov. 30th, 1878, \$1,477,637.32.

State Expenditures for year, \$1,562,409.97.

Amount raised by Taxation, \$672,646.83.

Amount of taxable property as assessed: Real, \$175,783,979; personal, \$45,141,650. Rate of State tax, 2 mills on the dollar.

The tax for all purposes, State, county and town, averages $17\frac{1}{4}$ mills on the dollar, or \$1.72½ on \$100.

The first complete return (for 1877) of the local indebtedness in Minnesota shows as follows:

Aggregate city and town debts, 1877, \$3,480,827; aggregate county debts, 1877, \$740,460; aggregate school district debts, \$570,024; add debt of the State, \$572,103. Total, \$5,363,419.

STATE OF MISSISSIPPI

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|-------------------------|-----------------------------|------------------------|--------------|---------|
| Governor..... | John M. Stone..... | Jan. 7, 1878 | Jan. 2, 1882 | \$4,000 |
| Lieutenant-Governor.... | William H. Sims.... | " " | " " | ..... |
| Secretary of State..... | H. C. Myers, <i>ad int.</i> | " " | " " | 2,500 |
| Treasurer..... | W. L. Hemingway... | Jan. 7, 1878 | Jan. 2, 1882 | 2,500 |
| Auditor..... | Sylvanus Gwin.... | " " | " " | 2,500 |
| Attorney-General..... | Thos. C. Catchings. | " " | " " | 2,500 |
| Supt. of Pub. Educat'n. | J. Argyle Smith... | " " | " " | 2,500 |
| Adjutant-General..... | Andrew M. Nelson. | Appointed by Governor. | | 2,500 |
| State Librarian..... | Mrs. Mary Morancy | " " | " " | |

JUDICIARY, SUPREME COURT.—H. F. Simrall, *Chief Justice*. J. A. P. Campbell, H. H. Chalmers, *Associate Justices*. Term of office, 9 years. Appointed by the Governor and Senate. Salary of each, \$3,500.

Amount of State Debt, Jan. 1, 1878, \$2,954,458.

The Report of State Treasurer, Jan. 1, 1878, says: "To arrive at a correct understanding of the financial condition, it is necessary to deduct the amounts due the Chickasaw and Common School funds, upon which only the annual interest should be paid." Subtracting these amounts, \$1,818,145.54, and the cash balance in Treasury Jan. 1, 1878, \$604,592.67, there remains only \$531,719.79 as the net State debt of Mississippi, according to the official statement.

State Receipts for year ending Jan. 1, 1878, \$965,327.47.

State Expenditures for year 1877, \$562,094.69.

Amount raised by Taxation last year, \$634,700.78.

Amount of Taxable Property, as assessed: Real, \$94,940,254; personal, \$32,186,490.

Rate of State Tax on \$100, 50 cents.

Of the State taxes collected, \$143,287 was from tax on railroads, and express, telegraph, insurance, and banking companies; \$98,500 from fines and licenses to retail.

STATE OF MISSOURI.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|-------------------------|-------------------------|-----------------------------|----------------|----------|
| Governor..... | John S. Phelps..... | Jan. 8, 1877. | Jan. 10, 1881. | \$5,000 |
| Lieut.-Governor..... | Henry C. Brokmeyer..... | " | " | 5 a day. |
| Secretary of State..... | Michael K. McGrath..... | " | " | 3,000 |
| Treasurer..... | Elijah Gates..... | " | " | 3,000 |
| Auditor..... | Thomas Holladay..... | " | " | 3,000 |
| Attorney-General..... | Jackson L. Smith..... | " | " | 3,000 |
| Adjutant-General..... | E. Y. Mitchell..... | At pleasure of the Governor | | 2,000 |
| Supt. of Public Schools | Richard D. Shannon..... | Jan. 13, 1879. | Jan. 8, 1883. | 3,000 |
| Register of Lands..... | James E. McHenry..... | | | 3,000 |

JUDICIARY, SUPREME COURT.—Thomas A. Sherwood, *Chief Justice*; 10 years; term expires Dec. 31, 1882; William B. Napton, 10 years; term expires Dec. 13, 1880; Warwick Hough, 10 years; term expires Dec. 31, 1884; John E. Henry, 10 years; term expires Dec. 31, 1886; Elijah H. Norton, 10 years; term expires Dec. 31, 1878; *Associate Justices*. Elected by the people, one every two years. Salary of each, \$4,500.

Amount of State Debt, funded, Jan. 1, 1879, \$16,758,000; all bearing 6 per cent interest. Floating debt, \$250,000.

About \$11,000,000 of the State debt of Missouri was contracted in aid of railroads.

State Receipts for year ending Jan. 1, 1877, \$3,567,006.

State Expenditures for year, \$3,777,960.

Amount of taxable property as assessed: Real, \$498,663,920; personal, \$146,073,233. Railroad property (separately taxed), \$29,907,058. Rate of State Tax, 4 mills

STATE OF NEBRASKA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--|----------------------|---|--------------|---------------|
| Governor..... | Albinus Nance..... | Jan. 7, 1879 | Jan. 4, 1881 | \$2,500 |
| Lieutenant-Governor..... | E. C. Carns..... | " | " | \$5 per diem. |
| Secretary of State..... | S. J. Alexander..... | " | " | \$2,000 |
| Treasurer..... | G. M. Bartlett..... | " | " | 2,500 |
| Auditor of Pub. Acc'ts..... | F. W. Liedtke..... | " | " | 2,500 |
| Attorney-General..... | C. J. Dilworth..... | " | " | 2,000 |
| Supt. of Pub. Instruct'n..... | S. J. Thompson..... | " | " | 2,000 |
| Adjutant-General..... | Not appointed..... | | | 500 |
| Sec. Bd. of Agriculture..... | D. H. Wheeler..... | Elected yearly by Board of Agriculture. | | 1,500 |
| Com'r of Public Lands and Buildings..... | F. M. Davis..... | Jan. 7, 1879 | Jan. 4, 1881 | 2,000 |
| State Librarian..... | Guy A. Brown..... | Appointed by Supreme Ct. | | 1,500 |

JUDICIARY, SUPREME COURT.—Samuel Maxwell, *Chief Justice*; 3 years; Amasa Cobb, 1 year; George B. Lake, 5 years; *Associates*; all elected by the people, and salary of each \$2,500.

Judges are elected for six years. The above represent unexpired terms.

Amount of State Debt Nov. 30th, 1878, \$599,267.35, drawing 8 per cent. interest.

Amount in Sinking Fund, \$162,577.85.

State Receipts for two years ending Nov. 30th, 1878, \$1,938,337.43.

State Expenditures for two years, \$1,772,209.09.

Amount raised by taxation in 1878, \$918,418.30.

Amount of taxable property as assessed: Real, \$30,263,823.51; personal, \$85,125,712.46. Rate of State Tax, 6½ mills on the dollar.

STATE OF NEVADA.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|--------------------------|-----------------------------------|---------------|---------------|---------|
| Governor..... | John H. Kinkead..... | Jan. 6, 1879. | Jan. 1, 1883. | \$6,000 |
| Lieut.-Governor..... | J. W. Adams..... | " | " | 3,600 |
| Secretary of State..... | Jasper Babcock..... | " | " | 3,600 |
| Treasurer..... | L. L. Crockett..... | " | " | 3,600 |
| Comptroller..... | J. F. Hallock..... | " | " | 3,600 |
| Adjutant-General..... | Lt. Gov., <i>ex officio</i> | | | |
| Supt. of Pub. Instruct'n | D. R. Sessions..... | Jan. 6, 1879. | Jan. 1, 1883. | 2,500 |
| Attorney-General..... | M. A. Murphy..... | " | " | 2,600 |
| Surveyor-General..... | A. J. Hatch..... | " | " | 3,600 |
| State Librarian..... | Frank Hodgkinson..... | (Appointed.) | | 1,500 |

STATE OF NEVADA—(Continued).

JUDICIARY, SUPREME COURT.—W. H. Beatty, *Chief-Justice*; 2 years. O. R. Leonard, 4 years; Thomas P. Hawley, 6 years; *Associate Judges*. Salary of each, \$7,000. Elected by the people. C. F. Licknell, *Clerk Supreme Court*, 4 years. Salary, \$3,600.

Amount of State Debt Jan. 1, 1879: Funded, \$557,017. at 9½ per cent.; unfunded, \$88,625; amount in sinking fund at 6 per cent., \$250,000; cash in Treasury, Jan. 1, 1879, \$668,064.

State Receipts for year ending Jan. 1, 1878, \$719,793.

State Expenditures for last year, \$645,649.

Amount raised by taxation last year, \$601,760. Rate of State Tax, 90 cents on \$100.

STATE OF NEW HAMPSHIRE.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|-------------------------------|-----------------------|---------------|---------------|---------|
| Governor..... | Benj. F. Prescott.... | June 5, 1878. | June 4, 1879. | \$1,000 |
| Lieut.-Governor..... | None..... | | | |
| Secretary of State..... | A. B. Thompson..... | June 5, 1878. | June 4, 1879. | 800 |
| Treasurer..... | Solon A. Carter..... | | | 1,800 |
| Adjutant-General..... | Ira Cross..... | | | 800 |
| Supt. of Pub. Instruct'n..... | Chas. A. Downs..... | | | 1,200 |
| Attorney-General..... | Mason W. Tappan..... | | | 2,200 |
| Sec. B'd of Agriculture..... | James O. Adams..... | | | 1,000 |
| State Librarian..... | W. H. Kimball..... | | | 800 |

Natt Head, Rep., was elected Governor, Nov. 5, 1878, for the two years' term beginning June 4, 1879.

The terms of most of the above State officers will expire in June, 1879. The Legislature which convenes June 4, 1879, will elect their successors.

JUDICIARY, SUPREME COURT.—Charles Doe, *Chief-Justice*; salary, \$2,400. Clinton W. Stanley, William L. Foster, George A. Bingham, William H. H. Allen, Isaac W. Smith, Lewis W. Clark, *Associate Judges*. Appointed by Governor and Council. Term of office, until 70 years of age. Salary, \$2,200 each.

Amount of State Debt June 1, 1878: Funded, \$3,420,100, interest at 6 per cent.; unfunded debt, \$61,000, interest at 5 per cent.; trust funds, \$63,408.24, interest at 6 per cent.

\$2,206,100 of the funded debt was on account of an issue of that amount of bonds to reimburse the towns for their municipal war expenditures, and the bonds are designated "Municipal War Loan."

State Receipts for year ending June 1, 1878, \$496,465.81.

State Expenditures for year ending June 1, 1878, \$440,265.01.

Amount raised by taxation last year, \$400,000.

Amount of taxable property as assessed: Real and personal, \$300,000,000.

Rate of State Tax, year ending April 1, 1878, 20 c. on each \$100 for State purposes.

Average rate for all purposes, including State, county, town, highway and school taxes, \$1.72 on \$100.

STATE OF NEW JERSEY.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|-------------------------------|---------------------|-----------------|-----------------|---------|
| Governor..... | Geo. B. McClellan.. | 3d Tu. Jan. '78 | 3d Mo. Jan. '81 | \$5,000 |
| Lieutenant-Governor..... | None..... | | | |
| Secretary of State..... | Henry D. Kelsey... | April 6, 1876 | April 6, 1881 | Fees. |
| Treasurer..... | George M. Wright.. | Jan. 26, 1876 | Jan. 26, 1879 | \$4,000 |
| Comptroller..... | Robt. F. Stockton.. | April 6, 1877 | April 6, 1880 | 4,000 |
| Adjutant-General..... | Wm. S. Stryker..... | | | |
| Supt. of Pub. Instruct'n..... | E. A. Apgar..... | | | 3,000 |
| Attorney-General..... | John P. Stockton.. | April 5, 1877 | April 5, 1882 | 1,500 |
| State Librarian..... | Jas. S. McDanolds.. | Jan. 26, 1876 | Jan. 26, 1879 | 1,500 |

JUDICIARY, SUPREME COURT.—Mercer Beasley, *Chief-Justice*; appointed by the Governor and confirmed by the Senate; term, 7 years; salary, \$5,200. V. Dalrimple, David A. Depue, Jonathan Dixon, M. M. Knapp, Alfred Reed, Edward W. Sudder, Bennet Van Syckel, George S. Woodhull, *Associates*; appointed by the Governor and confirmed by the Senate; salary of each, \$5,000.

Amount of State Debt, Oct. 31st, 1878: War bonds, exempt, \$1,602,900; taxable, \$598,400. Total, \$2,196,300, bearing 6 per cent. interest. The debt is payable \$100,000 each year. Amount in Sinking Fund, \$1,458,852.34.

State Receipts for year ending Oct. 31st, 1878, \$1,741,233.50.

State Expenditures for year, \$1,723,480.72.

Amount raised by taxation last year: Paid, \$819,999.81; unpaid, \$75,250.75. Total, \$895,250.36. Rate of State Tax, one mill on the dollar.

STATE OF NEW YORK.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|----------------------|---------------|---------------|----------------------|
| Governor..... | Lucius Robinson... | Jan. 1, 1877 | Dec. 31, 1879 | \$10,000 & house. |
| Lieutenant-Governor... | Wm. Dorsheimer... | " | " | 5,000 |
| Secretary of State..... | Allen C. Beach.... | Jan. 1, 1878 | Dec. 31, 1880 | 5,000 |
| Treasurer..... | James Mackin..... | " | " | 5,000 |
| Comptroller..... | Frederic P. Olcott.. | " | " | 6,000 |
| Attorney-General..... | A. Schoonmaker, Jr. | " | " | 5,000 |
| Supt. of Pub. Instruct'n | Neil Gilmour..... | April 4, 1877 | April 4, 1880 | 5,000 |
| Adjutant-General..... | Franklin Townsend | Jan. 1, 1877 | Dec. 31, 1879 | 2,500 |
| State Librarian..... | Henry A. Homes... | ..... | ..... | ..... |

JUDICIARY, COURT OF APPEALS.—Sanford E. Church, *Chief-Justice*; term of office, 14 years; elected by the people; salary, \$7,000. Charles Andrews, Geo. F. Danforth, Robert Earl, Theodore Miller, Charles A. Rapallo, Charles J. Folger, *Associates*; term, 14 years; elected by the people; salary of each, \$7,000.

Amount of State Debt, Oct. 1st, 1878, \$9,154,054.87; all being canal debt, bearing 6 per cent. gold interest, and redeemable 1883 to 1893. Amount in Sinking Fund, \$1,023,328.18.

State Receipts for year ending Sept. 30th, 1878, \$12,404,505.

State Expenditures same year, \$13,870,056.

Amount raised by taxation last year, \$5,323,140.

Amount of taxable property as assessed: Real, \$2,376,252,178; personal, \$379,483,140. Rate of State tax, 2½ mills on the dollar.

The amount of county, town and city debts in the State of New York in 1876 was \$244,079,859; in 1870 it was \$127,399,090.

STATE OF NORTH CAROLINA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|----------------------------------|--------------|--------------|---------|
| Governor..... | Thos. J. Jarvis ¹ ... | Feb. 5, 1879 | Jan. 1, 1881 | \$4,000 |
| Lieutenant-Governor... | J. L. Robinson..... | " | " | ..... |
| Secretary of State..... | Jos. A. Engelhard.. | Jan. 1, 1877 | " | 1,000 |
| Treasurer..... | J. M. Worth..... | " | " | 3,000 |
| Auditor..... | Samuel L. Love..... | " | " | 1,250 |
| Adjutant-General..... | Johnston T. Jones.. | " | " | 300 |
| Supt. of Pub. Instruct'n | J. C. Scarborough.. | " | " | 1,500 |
| Attorney-General..... | Thos. S. Kenan..... | " | " | 1,500 |
| Com'r of Agriculture... | A. A. Polk..... | " | " | ..... |
| Commissioner of Lands. | Jos. A. Engelhard.. | " | " | ..... |
| State Librarian..... | Sherwood Haywood | " | " | 750 |

¹ Governor Vance was elected U. S. Senator in Jan., 1879, for six years from March 4, 1879. Lieut.-Gov. Jarvis succeeds to the office of Governor.

JUDICIARY, SUPREME COURT.—W. N. H. Smith, *Chief-Justice*; Thos. S. Ashe, James H. Dillard, *Associate Justices*. Term, 8 years. Elected by the people. Salary, \$3,500 each.

Amount of State Debt, Oct. 1, 1878: Principal, \$16,960,045; Interest unpaid, \$10,160,183; total, \$27,120,228, exclusive of unacknowledged "special tax bonds," amount \$11,407,000.

State Receipts for 2 years ending Oct. 1, 1878, \$1,066,957.60.

State Expenditures for 2 years, \$1,147,451.66.

Amount raised by Taxation, 1877, \$533,635.55.

Amount of Taxable Property, as assessed: Real, \$91,670,918; personal, \$36,894,639.

Rate of State Tax, 33 cents on \$100.

STATE OF OHIO.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--|---------------------|---------------|---------------|---------|
| Governor..... | Richard M. Bishop. | Jan. 14, 1878 | Jan. 12, 1880 | \$4,000 |
| Lieutenant-Governor.... | Jabez W. Fitch.... | Jan. " | Jan. " | 800 |
| Secretary of State..... | Milton Barnes. | Jan. 13, 1879 | Jan. 10, 1881 | 2,000 |
| Treasurer..... | Anthony Howells.... | Jan. 14, 1878 | Jan. 12, 1880 | 3,000 |
| Auditor..... | James Williams.... | Jan., 1876 | " | 3,000 |
| Adjutant-General..... | Luther M. Meily.... | Jan. 14, 1878 | " | — |
| State Commissioner of Common Schools..... | James J. Burns..... | " | " 1881 | — |
| Attorney-General..... | Isaiah Pillars..... | " | " 1881 | — |
| Sec. Bd. of Agriculture.. | Vacancy. | | | — |
| State Librarian..... | R. M. Stimson..... | Mar. 17, 1877 | Mar. 17, 1879 | — |

JUDICIARY, SUPREME COURT.—William White, *Chief-Justice*; term, 5 years; elected by the people; salary, \$3,000. George W. McIlvaine, W. J. Gilmore, W. W. Boynton, John W. Okey, *Associates*; term of each, 5 years; elected by the people; salary, \$3,000.

Amount of State Debt, funded, Nov. 15th, 1878, \$6,476,906, viz.: loan, payable after June 30th, 1881, 6 per cent., \$4,072,640; loan, payable after Dec. 31st, 1886, 6 per cent., \$2,400,000; small loans, not bearing interest, \$4,165. Total, \$6,476,906.

Amount in Sinking Fund, \$424,120.

State Receipts for year ending Nov. 15th, 1878, \$5,581,538.

State Expenditures for year, \$5,649,853.

Amount raised by taxation last year, \$4,560,379.

Amount of taxable property as assessed: Real, \$1,064,455,378; personal, \$490,190,387. Rate of State tax per cent, 2.9 mills on \$1.

Besides the State tax there were levied in 1877: Total county taxes, \$6,499,753 total township, school, city and town taxes, \$16,454,718.

A State law requires all local debts of counties, cities, townships, etc., to be reported and published annually. The report of the State Auditor shows the following: Total debts of Ohio counties in 1878, \$3,169,517; total debt of cities in 1878, \$35,790,852; total debts of incorporated villages in 1878, \$917,418; total debts of townships, \$160,966; total debts of school districts, \$1,158,098. Total local debts, \$41,205,841.

The tax on dogs was levied on 132,360 animals, valued at \$406,278. Horses to the number of 741,281 were valued at \$39,496,066; cattle, 1,435,078, valued at \$25,423,632; sheep, \$8,332,428; hogs, \$3,069,016; carriages, \$15,768,644.

STATE OF OREGON.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--|---|----------------|----------------|---------|
| Governor..... | W. W. Thayer..... | Sept. 11, 1878 | Sept. 13, 1882 | \$1,500 |
| Lieutenant-Governor.... | None. | | | |
| Secretary of State, Auditor, or, and Comptroller... | R. P. Earhart..... | " | " | 1,500 |
| Treasurer..... | Edward Hirsch..... | " | " | 800 |
| Supt. of Pub. Instruct'n. | L. J. Powell..... | " | " | 1,500 |
| Commissioners of Lands. | Board composed of Gov'r, Sec. and Treas. of State.... | | | |
| State Librarian..... | X. N. Staves..... | Oct. 10, 1878 | Oct. 10, 1880 | 600 |

JUDICIARY, SUPREME COURT.—R. P. Boise, *Chief-Justice*; term, 6 years; elected by popular vote; salary, \$2,000. P. P. Prim, J. K. Kelly, *Associates*; term of each, 6 years; also elected by popular vote; salary of each, \$2,000.

STATE CIRCUIT COURT.—C. B. Bellinger, J. F. Watson, H. K. Hanna, L. L. McArthur, Ben. F. Harding, *Judges*; term of each, 6 years; all elected by popular vote; salary, \$2,000.

Amount of State Debt on Sept. 9th, 1878, \$651,595.48, viz.: Modoc War Bonds, 7 per cent., \$132,858.76; Lock Bonds, 7 per cent., \$160,000; Soldiers' Bounty and Relief Bonds, 7 per cent., \$27,161; Warrants drawing 10 per cent. interest, \$331,573.62. Total, \$651,595.48.

State Receipts for two years ending Sept. 9th, 1878, \$323,561.91.

State Expenditures for last two years, \$779,560.81.

Amount raised by taxation, \$286,914.47.

Amount of taxable property as assessed: Real and personal, \$41,436,066.

Rate of State Tax, 5 mills on the dollar.

STATE OF PENNSYLVANIA.

| STATE OFFICERS. | NAME. | Term of Office | Term began. | Term ends. | Salary. |
|---|-------------------|----------------|-----------------------|---------------|----------|
| Governor..... | Henry M. Hoyt.... | 4 yrs. | Jan. 21, 1879 | Jan. 16, 1883 | \$10,000 |
| Lieutenant-Governor.... | Charles W. Stone. | " | " | " | 8,000 |
| Secretary of State..... | Matthew S. Quay. | " | Pleasure of Governor. | " | 4,000 |
| Treasurer..... | Amos O. Noyes.... | 2 yrs. | May 6, 1878 | May 3, 1880 | 5,000 |
| Auditor-General..... | Wm. P. Schell.... | 3 yrs. | May 7, 1878 | May 3, 1881 | 3,000 |
| Adjutant-General..... | James W. Latta.. | " | June 1, 1876 | June 1, 1879 | 2,500 |
| Supt. Public Instruction and Soldiers' Orphans | J. P. Wickersham | 4 yrs. | May 5, 1876 | May 5, 1880 | 3,750 |
| Attorney-General..... | George Lear..... | " | Pleasure of Governor. | " | 3,500 |
| Sec'y Bd. Agriculture.. | Thomas J. Edge.. | " | Elected by Board. | " | 1,500 |
| State Librarian..... | C. L. Ehrenfeld.. | 3 yrs. | Feb. 4, 1878 | Feb. 7, 1881 | 1,800 |
| Sec'y of Internal Affairs | Aaron K. Dunkel. | 4 yrs. | May 6, 1879 | May 5, 1883 | 3,000 |

JUDICIARY, SUPREME COURT.—George Sharswood, 15 years from 1st Monday of Dec., 1867; Ulysses Mercur, 15 years from 1st Monday of Dec., 1872; Isaac P. Gordon, 15 years from 1st Monday of Dec., 1873; Edward M. Paxson, 21 years from 1st Monday of Jan., 1875; Warren J. Woodward, 21 years from 1st Monday of Jan., 1875; John Trunkley, 21 years from 1st Monday of Jan., 1878; James P. Sterrett, 21 years from 1st Monday of Jan., 1879. Elected by the people. Salary, \$7,000 each.

Amount of State Debt, Dec. 1, 1878: Funded, \$21,875,621; unfunded, \$113,882.73.

Of the funded debt, \$13,097,730 drew 6 per cent interest, and \$9,645,202 5 per cent.

The State held, Dec. 1, 1878, in stocks of incorporated companies, \$7,546,266; in sinking fund, \$958,631.

State Receipts for year ending Dec. 1, 1878, \$3,957,882 (exclusive of loans).

State Expenditures for year, \$4,362,171 (exclusive of sinking fund).

Amount raised by Taxation last year, \$6,092,001, from all sources.

Amount of Taxable Property, as assessed: Real estate not taxed; personal, \$159,382,242.

Rate of State Tax, 30 cents on \$100.

No tax is levied in Pennsylvania on real estate for State purposes. The tax on personal property, at the very low valuation current, produced only \$574,017 in 1877, out of total tax receipts of over \$6,000,000. Most of the large revenues of the State are derived from taxes on corporations. Witness the following: Tax on corporation stock in 1877, \$2,086,309; tax on foreign insurance companies, \$500,887; tax on coal companies, \$482,845; tax on bank stock, \$394,278; commutation of tonnage tax, \$460,000; collateral inheritance tax, \$378,029; license taxes, \$884,350; tax on writs, wills, and deeds, \$179,103; tax on net earnings or income, \$45,626.

STATE OF RHODE ISLAND.

| STATE OFFICERS. | NAME. | Term of Office. | Term Began. | Term Ends. | Salary. |
|-------------------------|-------------------|---------------------|-----------------------------|---------------|---------|
| Governor..... | Chas. C. VanZandt | 1 yr. | May 28, 1878. | May 27, 1879. | \$1,000 |
| Lieutenant-Governor.... | Albert C. Howard. | " | " | " | 500 |
| Secretary of State..... | J. M. Addeman.. | " | " | " | 2,500 |
| General Treasurer..... | Samuel Clark.... | " | " | " | 2,000 |
| State Aud't & Ins. Com. | Joel M. Spencer.. | " | " | " | 1,500 |
| Adjutant-General..... | C. H. Barney..... | " | Mar. 4, 1878. | " | 600 |
| Com'r Public Schools.. | T. B. Stockwell.. | " | Elected by Board Education. | " | 2,500 |
| Attorney-General..... | Willard Sayles... | 1 yr. | May 28, 1878. | May 27, 1879. | 2,500 |
| State Librarian..... | J. M. Addeman, | <i>ex officio</i> . | " | " | " |

JUDICIARY, SUPREME COURT.—Thomas Durfee, *Chief-Justice*; Walter S. Burgess, Ellisha R. Potter, Charles Matteson, John H. Stines, *Associate Justices*. Salary of Chief-Justice, \$4,500; Associate Justices, \$4,000 each. Term, practically for life; elected by the General Assembly. "Each Judge shall hold his office until his place be declared vacant by a resolution of the General Assembly to that effect." (Const. of Rhode Island, Art. x., Sec. 4.)

Amount of State Debt Oct. 1st, 1878, \$2,434,500 war loan; interest, 6 per cent.; unfunded debt, none; amount in Sinking Fund, \$593,890.31.

State Receipts for year ending April 30th, 1878, \$882,980.19.

State Expenditures for last year, \$994,533.91.

Amount raised by Taxation last year, \$492,360.17.

Amount of taxable property as assessed by the city and towns: real, \$182,655,569; personal, \$67,397,249.

Rate of State tax, 12 cents on each \$100.

STATE OF SOUTH CAROLINA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|-------------------------------|---------------|---------------|---------|
| Governor..... | Wade Hampton ¹ ... | In Dec., 1878 | In Dec., 1880 | \$3,500 |
| Lieutenant-Governor.... | W. D. Simpson..... | " | " | 1,000 |
| Secretary of State..... | R. M. Sims..... | " | " | 2,100 |
| Treasurer..... | S. L. Leaphart..... | " | " | 2,100 |
| Comptroller-General.... | Johnson Hagood.... | " | " | 2,100 |
| Attorney-General..... | Leroy F. Youmans... | " | " | 2,100 |
| Supt. of Pub. Education.. | H. S. Thompson..... | " | " | 2,100 |
| Adj. and Inspector-Gen. | E. W. Moise | " | " | 1,500 |
| State Librarian..... | A. Feininger..... | " | " | 625 |

JUDICIARY, SUPREME COURT.—A. J. Willard, *Chief-Justice*; term, 6 years; salary, \$4,000. Henry McIver, A. C. Haskell, *Associates*; term, 6 years; elected by the Legislature; salary of each, \$3,500. *Circuit Court Judges*—B. C. Pressley, First Circuit; A. P. Aldrich, Second; T. B. Fraser, Third; J. H. Hudson, Fourth; J. B. Kershaw, Fifth; T. J. Mackey, Sixth; W. H. Wallace, Seventh; Thomas Thomson, Eighth. Term, four years; elected by the Legislature; salary of each, \$3,500.

Amount of State Debt on October 31st, 1878: Funded, \$5,130,965.99.

Unfunded, \$1,406,729.85, principal, not including guarantees, etc. There is interest due on this unfunded debt, an average of 2½ years, at 6 per cent., 5 per cent. and 7 per cent., amounting to about \$200,000.

By exchange of the old bonds of the State for new ones, by funding act of 1873, on the basis of scaling the debt at 50 cents on the dollar, there had been converted, up to Nov. 1st, 1878, the sum of \$5,130,966, at the new valuation. During last year there was exchanged for consolidation bonds \$1,467,351, for which \$784,675.55 in new bonds were issued. The whole funded debt draws 6 per cent. interest.

State Receipts for year ending Oct. 31st, 1878, \$811,940.66.

State Expenditures for last year, 621,774.20.

Amount raised by taxation last year, \$715,982.08.

Amount of taxable property as assessed. Real, \$85,633,873; personal, \$40,063,341; also railroad property, not embraced above, amounting to \$6,520,772; making an aggregate of taxable property as assessed of \$132,237,986.

Rate of State Tax, 4½ mills on \$1.

¹ Gov. Hampton was elected U. S. Senator for six years from March 4, 1879, and Lieut.-Gov. Simpson succeeds to the Governorship.

STATE OF TENNESSEE.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---|----------------------|---------------|---------------|---------|
| Governor..... | Albert S. Marks ... | Jan. 15, 1879 | Jan. 15, 1881 | \$4,000 |
| Secretary of State..... | Chas. N. Gibbs..... | Jan. 15, 1877 | " | 1,200 |
| Treasurer, and <i>ex-off.</i> Insurance Commissioner. | M. T. Polk..... | " | " 1879 | 2,700 |
| Comptroller..... | James L. Gaines.... | " | " 1879 | 2,750 |
| Attorney-General..... | B. J. Lea..... | Sept. 1, 1878 | Sept. 1, 1886 | 3,000 |
| Supt. of Pub. Instruct'n. | Leon Trousdale.... | Mar. 25, 1877 | Mar. 25, 1879 | 3,000 |
| Adjutant-General..... | C. D. Porter..... | Jan. 15, 1877 | Jan. 15, 1879 | 1,200 |
| Com'r of Agriculture, Statistics, and Mines... | J. B. Killebrew..... | Mar. 25, 1877 | Mar. 25, 1879 | 3,000 |
| Register of Lands.. | James Glover..... | " | " | Fees. |
| State Librarian..... | Mrs. P. Haskell..... | Jan. 15, 1877 | Jan. 15, 1879 | 1,000 |

JUDICIARY, SUPREME COURT.—J. W. Deaderick, *Chief-Justice*. W. F. Cooper, T. W. Freeman, Robert McFarland, Peter Turney, *Associates*; term of office for each, 8 years; all are elected by the people; salary of each, \$4,000.

Amount of State Debt, Dec. 21st, 1878, \$20,221,300, funded and registered.

Unfunded Debt (unpaid interest), \$4,201,902.50.

General Statement of State bonds: Total amount issued, \$49,173,316.66. Now outstanding as liability against the State: Registered (Act of 1873), \$14,665,000, 6 per cent; \$292,300, 5 per cent; not required to be registered, \$397,000, 6 per cent; funding bonds (1873), 4,867,000, 6 per cent.

State Receipts for year ending Dec. 19th, 1878, \$626,528.84.

State Expenditures for last year, \$704,919.74.

Amount raised by taxation last year, including tax on privileges, etc., \$626,528.84.

Amount of taxable property as assessed: Real, \$202,340,815; personal, \$20,871,368. Rate of State Tax, 10 cents per \$100.

STATE OF TEXAS.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--|-----------------------|----------------------------|---------------|---------|
| Governor..... | Oran M. Roberts.... | Jan. 16, 1879 | Jan. 11, 1883 | \$4,000 |
| Lieutenant-Governor.... | Joseph D. Sayers.... |  |  | ..... |
| Secretary of State..... | Isham G. Searcy.... | Appointed by Governor..... | | 2,000 |
| Treasurer..... | Frank R. Lubbock.... | Jan. 16, 1879 | Jan. 11, 1883 | 2,500 |
| Comptroller..... | Stephen H. Darden.... | | | 2,500 |
| Attorney-General..... | George McCormick.... | " | " | 2,000 |
| Adjutant-General..... | John B. Jones..... | | | 2,000 |
| Com'r of Land Office.... | W. C. Walsh..... | Jan. 16, 1879 | Jan. 11, 1883 | 2,500 |
| State Lib'r'n and Com'r of Insurance, Statis- tics, and History..... | V. O. King..... | | | 2,000 |

JUDICIARY, SUPREME COURT.—George F. Moore, *Chief-Justice*; Robert S. Gould, M. H. Bonner, *Associate-Justices*. Term, 4 years. Elected by the people. Salary, \$3,500 each.

Amount of State Debt, Sept. 1, 1878, \$5,073,861, in State bonds, bearing 6 and 7 per cent. interest; except loan of April 21, 1874, which draws 10 per cent. interest.

State Receipts for year 1877, \$1,962,914.

State Expenditures for year, \$1,759,879.

Amount raised by Taxation, \$1,396,170.

Amount of Taxable Property, as assessed, 1878: Real and personal, \$303,302,421.

Rate of State Tax, 5 mills on each dollar.

In addition to the tax of one half of one per cent. on property, there was levied a poll tax of \$2 on every male between 21 and 60 years, one half of which, together with the fourth of the *ad valorem* tax, is expended for school purposes.

The State has further laid the foundation for an ample school fund, by devoting to that object all the alternate sections of land reserved out of its heavy railroad grants, and also one half the public domain of the State, with all money that may come to the State from the sale of such moiety.

The public domain of Texas (which alone of all the States retained control and ownership of its public lands upon admission to the Union) still embraces more than 67,000,000 acres, or a territory larger than the entire surface of any State in the Union, except California and Nevada. The annual immigration into Texas is reckoned at 200,000 in the Governor's message for 1879. The present population is variously estimated at from 1,300,000 to 2,000,000, in the absence of a census. The aggregate vote at the State election of 1878 was 240,812.

STATE OF VERMONT.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|---------------------------|----------------------|------------------------------|---------------|------------------|
| Governor..... | Redfield Proctor.... | Oct. 4, 1878. | Oct. 5, 1880. | \$1,000 |
| Lieutenant-Governor.... | Eben P. Colton.... | Oct. " | Oct. " | \$6 per diem. |
| Secretary of State..... | George Nichols..... | Elected by Legislature. | | 1,700 |
| Treasurer..... | John A. Page..... | Oct. 4, 1878. | Oct. 5, 1880. | 1,700 |
| Auditor..... | E. Henry Powell.... | Elected by Legislature. | | 1,400 |
| Adjutant-General..... | James S. Peck..... | Dec. 1, 1878. | Dec. 1, 1880. | 750 |
| Supt. of Education..... | Edward Conant..... | " | " | 1,400 |
| Supt. of Agriculture..... | John B. Mead..... | " | " | 1,400 |
| State Librarian..... | Hiram A. Huse..... | At pleasure of the Trustees. | | 1,300 |

JUDICIARY, SUPREME COURT.—John Pierpoint, *Chief-Justice*. *Assistants*—Jas. Barrett, First; Homer E. Royce, Second; Tins P. Redfield, Third; Jonathan Ross, Fourth; H. Henry Powers, Fifth; Walter C. Dunton, Sixth. Elected by the Legislature for two years from Dec. 1st, 1878. Salary, \$2,500 each.

Amount of State Debt Aug. 1st, 1878: Funded, \$33,000; unfunded, none.

Rate of Interest, 6 per cent. Amount in sinking fund, \$38,000.

State receipts for year ending Aug. 1st, 1879, \$391,635.92.

State Expenditures year ending Aug. 1st, 1878, \$380,531.48.

Amount raised by Taxation last year, \$323,424.48.

Amount of taxable property as assessed: Real, \$70,842,336; personal, \$16,843,123.

Rate of State Tax, 30 cents per \$100.

STATE OF VIRGINIA.

| STATE OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|----------------------------------|-------------------------------|---------------|--------------|---------|
| Governor..... | F. W. M. Holliday.. | Jan. 1, 1878 | Jan. 1, 1882 | \$5,000 |
| Lieutenant-Governor... | James A. Walker... | " | " | 900 |
| Secretary of State..... | James McDonald... | Jan. 1, 1876 | ..... | 2,500 |
| Treasurer..... | R. M. T. Hunter.... | " | ..... | 2,000 |
| Auditor..... | Wm. F. Taylor..... | " | ..... | 2,000 |
| Second Auditor..... | Asa Rogers..... | " | ..... | 2,000 |
| Attorney-General..... | Jas. G. Field..... | Jan. 1, 1878 | Jan. 1, 1882 | 3,500 |
| Supt. of Pub. Instruct'n | Wm. H. Ruffner.... | Mar. 15, 1874 | ..... | 2,000 |
| Adj't-General <i>ad int.</i> ... | Jas. McDonald..... | ..... | ..... | 100 |
| Com'r of Agriculture... | Thomas Pollard.... | July 1, 1877 | ..... | 1,500 |
| Register of Land Office. | Samuel H. Boykin.. | ..... | ..... | 1,300 |
| State Librarian..... | Sec. of State, <i>ex-off.</i> | ..... | ..... | ..... |

JUDICIARY, SUPREME COURT.—R. C. L. Moncure, *President of Court*; Joseph Christian, Walter R. Staples, Francis T. Anderson, Ed. C. Burks, *Judges*. Elected by the Legislature for twelve years. Salary, President of Court, \$3,250; Judges, \$3,000 each.

Amount of State Debt, Dec. 1, 1878, \$29,350,836, drawing 6 per cent. interest.

State Receipts for year ending Oct. 1, 1878, \$3,020,139.81.

State Expenditures for year, \$2,997,967.09.

Amount raised by Taxation, \$2,500,000.

Amount of Taxable Property, as assessed: Real, \$246,391,193; personal, \$76,178,438.

Rate of State Tax, 50 cents on \$100.

Besides the tax on property, Virginia has a capitation tax of \$1, producing \$285,815, on the supposition that it is all collected; a tax on incomes of one per cent. yielding, on \$8,457,715 (the incomes assessed), say \$34,557; a tax on banks, railroads, insurance companies, etc., paying \$120,000; and a license or liquor tax, yielding about \$600,000. The latter tax has become somewhat famous as the Moffett "bell-punch" tax on liquor consumed, the tax being 2½ cents on each glass of ardent spirits, and half a cent on malt liquors. This is in addition to a specific license tax of \$150 to each vendor of liquors. The Auditor, in his Jan. 1879 report, states the increased revenue by the Moffett register system at \$110,763 over the old license system, which charged a specific tax of \$250 on each license.

STATE OF WEST VIRGINIA.

| STATE OFFICERS. | NAME. | Term of office. | Term began. | Term ends. | Salary. |
|----------------------|--------------------|-----------------------------|--------------|--------------|------------------|
| Governor..... | H. M. Mathews.... | 4 yrs. | Mar. 4, 1877 | Mar. 4, 1881 | \$2,700 |
| Lieut.-Governor..... | None. | | | | |
| Secretary of State.. | Sobieski Brady.... | " | " | " | 1,000 & fees. |
| Treasurer..... | Thos. J. West..... | " | " | " | 1,400 |
| Auditor..... | Joseph S. Miller.. | " | " | " | 2,000 |
| Adjutant-General... | E. L. Wood..... | " | " | " | ..... |
| Supt. of Pub. Inst'n | Wm. K. Pendleton | " | " | " | 1,500 |
| Attorney-General... | Robt. White..... | " | " | " | 1,300 |
| State Librarian..... | E. L. Wood..... | (<i>ex-off.</i> Adj.-Gen.) | | | 950 |

JUDICIARY, SUPREME COURT.—Thomas C. Green, *Presiding Judge*; C. P. T. Moore, Okey Johnson, A. F. Haymond, *Judges*. Elected by the people for 12 years. Salary, \$2,250 each.

West Virginia has no debt (unless the share of that State in the *ante-bellum* State debt of Virginia is reckoned such), the State Constitution having prohibited the creation of any debt by the Legislature, except in an emergency like rebellion or invasion. After the admission of the State in 1863, Virginia claimed that one third of her State debt of \$45,000,000 should be paid by West Virginia, and left out \$15,239,371 in the adjustment of her debt. West Virginia claims that a very much smaller sum is her share, and the matter remains unadjusted.

State Receipts for year ending Sept. 30th, 1878, \$693,276.29.

State Expenditures for year ending Sept. 20th, 1878, \$572,343.75.

Amount of taxable property as assessed: Real, \$107,332,719.28; personal, \$62,740,459.46. Rate of State Tax, 30 cents per \$100.

STATE OF WISCONSIN.

| STATE OFFICERS. | NAME. | Term Began. | Term Ends. | Salary. |
|--------------------------|---|----------------|---------------|---------|
| Governor..... | Wm. E. Smith..... | Jan. 7, 1878. | Jan. 5, 1880. | \$5,000 |
| Lieut.-Governor..... | J. M. Bingham..... | " | " | 1,000 |
| Secretary of State..... | Hans B. Warner..... | " | " | 5,000 |
| Treasurer..... | Richard Guenther..... | " | " | 5,000 |
| Adjutant-General..... | Ed. E. Bryant..... | Appointed by | Governor. | ..... |
| Supt. of Pub. Instruct'n | W. C. Whitford..... | Jan. 7, 1878. | Jan. 5, 1880. | 2,700 |
| Attorney-General..... | Alex. Wilson..... | " | " | 3,000 |
| Sec. B'd of Agriculture. | Geo. E. Bryant..... | Elected by the | Society. | 2,000 |
| Commissioners of Lands | Sec. of State, State Treas., and Att'y General, ex officio. | ..... | ..... | ..... |
| State Librarian..... | John R. Berryman .. | Appointed by | Governor. | 1,500 |

JUDICIARY, SUPREME COURT.—E. G. Ryan, *Chief-Justice*, 6 years; term ends Jan. 1, 1882; Orasmus Cole, 6 years; term ends Jan. 1, 1880; William P. Lyon, 6 years; term ends Jan. 1, 1884; Harlow S. Orton, 10 years, term ends Jan. 1, 1888; David Taylor, 10 years, term ends Jan. 1, 1886; *Associate Justices*. Elected by the people. Salary of each, \$5,000.

Amount of State Debt, Sept. 30, 1878, \$2,252,057; interest, 7 per cent.

In addition to this, the debts of counties, cities, towns, villages and school districts in Wisconsin, as reported by the State Secretary in October, 1878, amounted to \$9,631,138.

State Receipts for year ending Sept. 30, 1878, \$1,120,887.81.

State Expenditures for last year, \$1,047,796.23.

Amount raised by taxation last year, \$1,079,522.

Amount of taxable property as assessed: Real, \$359,263,374; personal, \$96,077,208.

Rate of State Tax, 1 81-100 mills on each dollar of valuation.

The State Tax amounts to only about one-ninth of the whole taxes paid by the people.

The total tax levied in the State in 1876 was \$8,097,435, amounting to \$2.22 on each \$100 of assessed valuation, and apportioned as follows:

State Tax, \$788,942; county tax, \$1,436,849; town tax, \$3,220,417; school tax, \$1,617,689; road tax, \$1,083,538.

TERRITORY OF ARIZONA—No returns.

TERRITORY OF DAKOTA—No returns.

TERRITORY OF IDAHO—No returns.

TERRITORY OF MONTANA.

| OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|-----------------------------|---------------|---------------|--------------------|
| Governor..... | Benjamin T. Potts.. | July 13, 1878 | July 13, 1882 | \$2,600 |
| Secretary..... | James H. Mills..... | Nov. 8, 1877 | Nov. 8, 1881 | 1,800 |
| Treasurer..... | D. H. Weston..... | July 1, 1877 | July 1, 1879 | 1,500 |
| Auditor..... | D. H. Cuthbert..... | Jan. 5, 1878 | Jan. 5, 1880 | 1,500 |
| Supt. of Pub. Instruct'n | Clark Wright..... | Jan. 15, 1878 | Jan. 15, 1880 | 1,900 |
| District-Attorney..... | R. E. Anderson | Oct. 10, 1877 | Oct. 10, 1881 | \$250 and fees. |
| State Librarian..... | Auditor <i>ex-officio</i>. | ..... | ..... | ..... |

JUDICIARY, SUPREME COURT.—D. S. Wade, *Chief-Justice*; term, 4 years from March 17, 1875; Hiram Knowles, 4 years from December 12, 1876; Henry N. Blake, 4 years from January 12, 1876, *Associate Justices*; appointed by the President; salary of each, \$2,600.

Amount of Territorial Debt, Dec. 10th, 1878: Funded, \$83,500; unfunded, about \$15,000.

Territorial Bonds issued July 1st, 1876, redeemable after two years, and payable after seven years from their date, drawing 10 per cent. interest, are being redeemed, and will all be called in the coming year and funded at lower interest.

Amount in Sinking Fund, \$10,500.

Receipts for year ending Jan. 1st, 1878, \$61,222.23.

Expenditures for year, \$90,508.85.

Amount raised by taxation, Territorial, aside from county tax, \$52,866.92.

Rate of Tax for 1878, 3 mills on the dollar, and 40 per cent. of licenses collected.

TERRITORY OF NEW MEXICO.

| OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|-----------------------|----------------------|---------------|---------------|---------|
| Governor..... | Lewis Wallace..... | Sept. 3, 1878 | Sept. 3, 1883 | \$2,600 |
| Secretary..... | Wm. G. Ritch..... | | | 1,800 |
| Treasurer..... | A. Ortez y Salazar.. | Feb. --, 1878 | Feb. --, 1880 | 1,000 |
| Auditor..... | Trinidad Alarid..... | " | " | 1,000 |
| Adjutant-General..... | Thomas S. Tucker.. | " | " | 250 |
| Librarian..... | Aniceto Abeytia.... | " | " | 150 |

JUDICIARY, SUPREME COURT.—L. Bradford Prince, *Chief-Justice*; term, 4 years from December, 1878; Samuel C. Parks, 4 years from January 22, 1878, Warren Bristol, *Associates*; appointed by the President and Senate; salary, \$2,600.

TERRITORY OF UTAH.

| OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|---------------------|---------------|---------------|---------|
| Governor..... | Geo. W. Emery | Dec. 16, 1876 | Dec. 16, 1879 | \$2,600 |
| Secretary..... | Levi P. Luckey..... | Feb. 13, 1877 | Feb. 13, 1881 | 1,800 |
| Treasurer..... | James Jack..... | Aug. 5, 1878 | Aug. 5, 1880 | 600 |
| Auditor..... | Wm. Clayton | " | " | 1,200 |
| Supt. of Pub. Instruct'n. | John Taylor | Aug. 6, 1877 | Aug. 6, 1879 | 1,500 |
| Sec. Bd. of Agriculture.. | H. P. Folsom..... | " | " | " |
| Territorial Librarian .. | Nephi W. Clayton.. | Feb. 22, 1878 | Feb. 22, 1880 | 250 |

JUDICIARY, SUPREME COURT.—Michael Schaeffer, *Chief-Justice*; term 4 years from April 30, 1876. Philip H. Emerson, 4 years from March 16, 1877, Jacob S. Boreman, 4 years from October 30, 1877, *Associates*; salary of each, \$2,600.

The taxable property in Utah was assessed at \$22,553,660, real and personal, for year ending Dec. 31st, 1877.

The rate of taxation was $\frac{1}{4}$ of 1 per cent.

Amount raised by taxation in 1877, \$37,052.22. Amount expended, \$56,967.87.

TERRITORY OF WASHINGTON.

| OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|---------------------------|----------------------|----------------|----------------|---------|
| Governor..... | Elleha P. Ferry..... | April 26, 1876 | April 26, 1880 | \$2,600 |
| Secretary..... | N. H. Owings..... | " | " | 1,800 |
| Treasurer..... | F. Tarbell..... | Nov. --, 1878 | Nov. --, 1880 | 1,200 |
| Auditor..... | S. M. Reed..... | " | " | 1,000 |
| Adjutant-General..... | A. Storch..... | Jan. 13, 1879 | Jan. 13, 1881 | — |
| Supt. of Pub. Instruct'n. | J. P. Juelson..... | Nov. --, 1878 | Nov. --, 1880 | 600 |
| Librarian..... | Elwood Evans..... | " | " | 400 |

JUDICIARY, SUPREME COURT.—Roger S. Green, *Chief-Justice*; term, 4 years from December, 1878, S. C. Wingard, *Associate*; appointed by the President; salary of each, \$2,600.

TERRITORY OF WYOMING.

| OFFICERS. | NAME. | Term began. | Term ends. | Salary. |
|--------------------------|---------------------|----------------|----------------|---------|
| Governor..... | John W. Hoyt | April 10, 1878 | April 10, 1882 | \$2,600 |
| Secretary..... | George W. French.. | " | " | 1,800 |
| Treasurer..... | Amasa R. Converse.. | " | " | " |
| Auditor..... | Stephen W. Downey.. | " | " | " |
| Supt. of Pub. Instruct'n | John Slaughter..... | " | " | " |

JUDICIARY, SUPREME COURT.—*Chief-Justice*, Joseph W. Fisher; term, 4 years from Feb. 14, 1876. *Associate Justices*, Jacob B. Blair, 4 years from Feb. 14, 1876; William Ware Peck, 4 years from Dec. 14, 1877. Salary, \$2,600 each.

Wyoming has no Territorial Debt. Rate of Tax, 1878, 3 mills on \$1.

ALABAMA.—State Ticket.

| COUNTIES, 67. | Gov., 1878. | Gov., 1876. | | PRES., 1876. | | COUNTIES, 67. | Gov., 1878. | Gov., 1876. | | PRES., 1876. | |
|------------------|----------------|---------------------|----------------------|---------------|--------------|------------------|----------------|---------------------|----------------------|---------------|--------------|
| | Cobb. D. | Hous- ton. D. | Wood- ruff. R. | Tilden. D. | Hayes. R. | | Cobb. D. | Hous- ton. D. | Wood- ruff. R. | Tilden. D. | Hayes. R. |
| | | | | | | | | | | | |
| Autauga... | 819 | 774 | 1,221 | 804 | 1,576 | Lauderdale... | 1,336 | 1,495 | 1,033 | 1,720 | 1,044 |
| Baldwin... | 542 | 557 | 244 | 789 | 662 | Lawrence... | 1,444 | 1,609 | 1,586 | 1,659 | 1,484 |
| Barbour... | 2,335 | 3,270 | 171 | 3,594 | 162 | Lee... | 1,314 | 2,087 | 942 | 2,885 | 1,105 |
| Bibb... | 389 | 811 | 232 | 890 | 333 | Limestone... | 1,165 | 1,687 | 4,293 | 1,684 | 1,343 |
| Blount... | 1,538 | 1,640 | 129 | 1,402 | 347 | Lowndes... | 1,021 | 1,090 | 3,491 | 1,309 | 4,152 |
| Bullock... | 858 | 2,919 | 592 | 1,567 | 959 | Macon... | 1,869 | ..... | ..... | 1,493 | 881 |
| Butler... | 1,215 | 1,873 | 935 | 1,956 | 1,005 | Madison... | 2,520 | 3,225 | 3,036 | 3,423 | 2,777 |
| Calhoun... | 2,634 | 2,062 | 296 | 2,040 | 421 | Marango... | 1,867 | 2,591 | 1,302 | 2,755 | 1,982 |
| Chambers... | 1,007 | 2,117 | 690 | 2,282 | 1,053 | Marion... | 819 | 879 | 60 | 733 | 111 |
| Cherokee... | 1,832 | 1,464 | 42 | 1,666 | 293 | Marshall... | 1,440 | 1,126 | 111 | 1,067 | 167 |
| Chilton... | 1,103 | 1,075 | 66 | 728 | 151 | Mobile... | 2,385 | 5,138 | 3,071 | 5,330 | 4,272 |
| Choctaw... | 842 | 1,066 | ..... | 1,209 | 693 | Monroe... | 1,360 | 1,436 | 438 | 1,532 | 606 |
| Clarke... | 1,056 | 1,042 | 214 | 1,406 | 1,120 | Montgom'y... | 4,153 | 2,315 | 4,694 | 2,881 | 6,259 |
| Clay... | 841 | 1,142 | 201 | 1,188 | 186 | Morgan... | 1,698 | 1,359 | 597 | 1,432 | 773 |
| Cleburne... | 1,103 | 781 | 282 | 1,052 | 219 | Perry... | 1,246 | 1,203 | 1,986 | 1,467 | 3,528 |
| Coffee... | 868 | 686 | 18 | 835 | 25 | Pickens... | 1,277 | 2,007 | 70 | 2,158 | 48 |
| Colbert... | 1,825 | 1,357 | 1,080 | 1,382 | 778 | Pike... | 2,115 | 1,934 | 322 | 2,111 | 464 |
| Conecuh... | 1,011 | 1,142 | 656 | 1,167 | 777 | Randolph... | 1,236 | 1,191 | 872 | 1,179 | 865 |
| Coosa... | 946 | 1,330 | 741 | 1,349 | 733 | Russell... | 1,143 | 1,943 | 505 | 2,051 | 1,022 |
| Covington... | 588 | 731 | ..... | 820 | 31 | Sanford... | ..... | 1,191 | 92 | 1,201 | 198 |
| Crenshaw... | 796 | 1,290 | 150 | 1,427 | 174 | Shelby... | 956 | 1,456 | 555 | 1,475 | 770 |
| Cullman... | 276 | ..... | ..... | ..... | ..... | St. Clair... | 1,318 | 1,215 | 414 | 1,134 | 435 |
| Dale... | 1,531 | 1,343 | 367 | 1,143 | 269 | Sumter... | 1,063 | 1,219 | 1,141 | 2,234 | 1,370 |
| Dallas... | 4,470 | 1,613 | 6,300 | 1,609 | 3,930 | Talladega... | 1,344 | 1,942 | 1,571 | 2,014 | 1,309 |
| *DeKalb... | 1,310 | 1,009 | 373 | * | * | Tallapoosa... | 1,584 | 2,609 | 437 | 2,892 | 711 |
| Elmore... | 1,333 | 1,401 | 1,153 | 1,399 | 1,249 | Tuskaloosa... | 1,482 | 1,920 | 716 | 2,184 | 988 |
| Escambia... | 708 | 638 | 123 | 784 | 198 | Walker... | 694 | 837 | 653 | 799 | 505 |
| Etowah... | 898 | 1,336 | 310 | 1,198 | 273 | Washington... | 656 | 500 | ..... | 553 | 96 |
| Fayette... | 1,117 | 925 | 135 | 935 | 267 | Wilcox... | ..... | 1,483 | 3,586 | 1,490 | 3,599 |
| Franklin... | 971 | 984 | 135 | 781 | 136 | Winston... | 289 | 296 | 400 | 237 | 454 |
| Geneva... | 299 | 521 | 1,008 | 1,055 | 2,686 | Total..... | 89,571 | 99,255 | 55,582 | 102,002 | 68,230 |
| Greene... | 709 | 382 | 1 | 408 | 2 | Per cent..... | | 64.10 | 35.90 | 59.97 | 40.03 |
| Hale... | 1,763 | 2,220 | 1,467 | 2,177 | 2,388 | Majority..... | | 43,673 | ..... | 33,772 | ..... |
| Henry... | 1,908 | 1,676 | 225 | 1,587 | 433 | Total vote..... | | 154,837 | ..... | 170,232 | ..... |
| Jackson... | 2,841 | 2,426 | 773 | 2,689 | 694 | * Not canvassed. | | | | | |
| Jefferson... | 2,123 | 1,845 | 368 | 2,102 | 689 | | | | | | |
| Lamar... | 1,252 | ..... | ..... | ..... | ..... |  |  |  |  |  |  |

Total vote for W. W. Screws, Democrat, for Secretary of State... 87,573
 Total vote for Willis Brewer, Democrat, for Auditor... 87,515
 Total vote for I. H. Vincent, Democrat, for Treasurer... 88,331
 Total vote for H. C. Tompkins, Democrat, for Attorney-General... 88,304

NOTE.—No Republican or opposition ticket was nominated in 1878.

The Legislature of 1878-9 contains 123 Democrats, 6 Ind. Democrats, 3 Republicans, and 2 National Greenback party.

ARIZONA TERRITORY.

Delegate in Congress.

| 1878. | | | 1876. | | |
|---------------------------------------|--|-----------|--------------------------------------|--|-----------|
| | Aggregate vote of the Territory. | Per cent. | | Aggregate vote of the Territory. | Per cent. |
| John G. Campbell, D. | 1,452 | 32.54 | H. S. Stevens, Dem. | 1,137 | 36.85 |
| A. E. Davis, Gr..... | 1,097 | 24.59 | Hardy, Rep..... | 1,063 | 32.97 |
| H. S. Stevens, Dem.... | 1,090 | 24.43 | Cury, Dem..... | 973 | 30.17 |
| K. S. Woolsey, I. D.... | 822 | 18.43 | | | |
| Total vote..... | 4,461 | | Total vote..... | 3,221 | |
| Campbell's majority over next..... | 353 | | Stevens's majority over next..... | 123 | |

Final County not reported in 1878.

ALABAMA.—Representatives in Congress.

| 1st Dist. | 1878. | | 1876. | | 5th Dist. | 1878. | | 1876. | |
|---|----------|------------|----------|----------------|--------------|-------------|-------------|---------|----------------|
| | Herndon. | Bailey. | Jones. | Brom- berg. | | Williams. | Nunn. | Ligon. | Booth. |
| | D. | G. | D. | R. | | D. | G. | D. | R. |
| Clarke..... | 614 | 319 | 1,452 | 76 | Autauga... | 558 | 918 | 783 | 1,897 |
| Choctaw... | 566 | 752 | 1,300 | 643 | Bibb..... | 222 | 1 | 889 | 292 |
| Marengo... | 2,066 | 125 | 2,925 | 1,153 | Chambers.. | 1,004 | 28 | 2,284 | 1,039 |
| Mobile... | 2,353 | 1,600 | 2,859 | 6,287 | Chilton... | 302 | 35 | 852 | 156 |
| Monroe... | 728 | 11 | 1,583 | 578 | Clay..... | 305 | 133 | 1,178 | 187 |
| Washington | 303 | 44 | 616 | 35 | Coosa..... | 874 | 578 | 1,347 | 733 |
| | | | | | Elmore... | 1,452 | 965 | 1,400 | 1,347 |
| | | | | | Macon..... | 448 | ... | 1,494 | 857 |
| | | | | | Tallapoosa. | 1,253 | 56 | 2,880 | 712 |
| Total.... | 6,577 | 2,941 | 10,562 | 8,771 | | | | | |
| Maj. ov. next | 3,636 | ... | 1,811 | ... | Total.... | 6,537 | 2,734 | 13,107 | 6,821 |
| Per cent.... | 69.10 | 30.90 | ... | ... | Majority... | 3,803 | ... | 6,296 | ... |
| Total vote, | 9,518 | ... | 21,485 | ... | Per cent.... | 70.51 | 29.49 | ... | ... |
| In 1876, F. G. Bromberg, Ind. Democrat, | | | | | Total vote. | 9,271 | ... | 19,228 | ... |
| had 8,771 votes. Jones' majority over Brom- | | | | | 6th Dist. | Lewis. | Smith. | Hewitt. | |
| berg, 1,811; over Turner, 8,450. | | | | | | D. | I. D. | D. | |
| 2d Dist. | Herbert. | Armstrong. | Herbert. | Hall. | | D. | I. D. | D. | |
| | D. | G. | D. | R. | Fayette... | 530 | 370 | 940 | |
| Baldwin... | 477 | 230 | 788 | 668 | Greene.... | 686 | 1,035 | 1,054 | No opposition. |
| Butler..... | 1,457 | 876 | 1,954 | 847 | Jefferson... | 1,127 | 433 | 2,098 | |
| Conecuh... | 879 | 663 | 1,163 | 776 | Lamar..... | 661 | 202 | ... | |
| Crenshaw... | 1,043 | 28 | 1,427 | 174 | Marion.... | 307 | 192 | 733 | |
| Covington. | 635 | 19 | 820 | 30 | Pickens... | 1,148 | 65 | 2,157 | |
| Ecambia... | 510 | 262 | 784 | 193 | Sanford... | ... | ... | 1,301 | |
| Montgomery, | 2,181 | 4,091 | 2,389 | 6,248 | Sumter... | 1,242 | 51 | 2,233 | |
| Pike..... | 1,182 | 336 | 2,111 | 464 | Tuskaloosa | 1,464 | 453 | 2,182 | |
| | | | | | Walker.... | 441 | 363 | 799 | |
| | | | | | Winston... | 46 | 87 | 237 | |
| Total.... | 8,364 | 6,506 | 11,435 | 9,394 | | | | | |
| Majority... | 1,859 | ... | 2,041 | ... | Total.... | 7,652 | 3,200 | 13,634 | |
| Per cent.... | 56.25 | 43.75 | ... | ... | Majority... | 3,451 | ... | ... | |
| Total vote. | 14,869 | ... | 20,839 | ... | Per cent.... | 70.80 | 29.20 | ... | |
| 3d Dist. | Samford. | Savage. | Russell. | Williams. | Total vote. | 10,852 | ... | ... | |
| | D. | I. D. | R. | D. | 7th Dist. | Forney. | Scattering. | Forney. | |
| Barbour... | 1,006 | 18 | 44 | 3,608 | | D. | D. | D. | |
| Bullock.... | 611 | 2 | 65 | 1,567 | Blount.... | 319 | ... | 1,430 | |
| Coffee..... | 329 | ... | ... | 835 | Calhoun... | 567 | ... | 2,053 | |
| Dale..... | 623 | 86 | 23 | 1,144 | Cherokee... | 223 | ... | 1,723 | |
| Geneva.... | 99 | 7 | 1 | 408 | Cleburne... | No returns. | ... | 1,063 | |
| Henry..... | 564 | 17 | ... | 1,587 | DeKalb.... | 84 | No returns. | ... | |
| Lee..... | 1,691 | 507 | 2 | 2,889 | Etowah... | 264 | ... | 1,941 | |
| Russell... | 1,256 | 89 | ... | 2,051 | Marshall... | 87 | ... | 1,011 | |
| | | | | | Randolph... | 212 | ... | 1,179 | |
| Total.... | 6,199 | 676 | 135 | 14,069 | Shelby.... | 462 | 94 | 1,475 | |
| Maj. over all | 5,388 | ... | ... | 10,193 | St. Clair... | No returns. | ... | 1,133 | |
| Per cent.... | 88.43 | 9.64 | 1.92 | ... | Talladega.. | 435 | ... | 2,017 | |
| Total vote. | 7,010 | ... | ... | 17,985 | | | | | |
| 4th Dist. | Shelley. | Haral- | Henry. | Shelley. | Total.... | 2,653 | ... | 14,319 | |
| | D. | R. | I. R. | D. | 8th Dist. | Garth. | Lowe. | Garth. | McClellan. |
| Dallas.... | 3,171 | 891 | 11 | 2,400 | | D. | I. D. | D. | I. D. |
| Hale..... | 1,448 | 468 | 84 | 2,179 | Colbert.... | 847 | 508 | 1,357 | 805 |
| Lowndes... | 561 | 1,198 | 183 | 1,313 | Franklin... | 239 | 489 | 775 | 143 |
| Perry..... | 2,387 | 1,429 | 36 | 2,163 | Jackson... | 1,370 | 1,697 | 2,637 | 640 |
| Wilcox.... | 987 | 2,559 | ... | 1,506 | Lauderdale | 783 | 417 | 1,706 | 1,041 |
| | | | | | Lawrence... | 876 | 1,480 | 1,602 | 1,501 |
| Total.... | 8,514 | 6,545 | 314 | 9,655 | Limestone. | 1,016 | 1,497 | 1,575 | 1,331 |
| Maj. ov. next | 1,969 | ... | ... | 980 | Madison... | 2,221 | 3,548 | 3,494 | 2,704 |
| Per cent.... | 55.38 | 42.57 | 2.04 | ... | Morgan... | 987 | 787 | 1,453 | 745 |
| Total vote. | 15,373 | ... | ... | 35,566 | | | | | |
| In 1876, James T. Rapier, Republican (col- | | | | | Total.... | 8,279 | 10,323 | 14,539 | 8,910 |
| ored), had 7,336 votes. | | | | | Majority... | 2,044 | ... | 5,619 | ... |
| | | | | | Per cent.... | 43.97 | 55.99 | ... | ... |
| | | | | | Total vote. | 18,602 | ... | 23,239 | ... |

ARKANSAS.—Representatives in Congress.

| | 1878. | | 1876. |
|--|---------------|--|-------------------|
| | Dunn, D. Opp. | | Gause, D. Scat'g. |
| 1st District, | 8,863 0 | | 15,841 404 |
| No opposition candidate was nominated for Congress in the First District, either in 1876 or in 1878. | | | |

| 3d Dist. | Siemons, D. | Bradley, Gr. | Siemons, D. | Snyder, R. |
|-------------------|-------------|--------------|-------------|------------|
| Ashley..... | 471 | 452 | 902 | 664 |
| Bradley..... | 546 | 253 | 538 | 211 |
| Calhoun..... | 441 | 243 | 459 | 258 |
| Chicot..... | 157 | 235 | 444 | 1,418 |
| Columbia..... | 777 | 302 | 1,274 | 728 |
| Dallas..... | 266 | 143 | 569 | 233 |
| Dorsey..... | 486 | 303 | 807 | 285 |
| Drew..... | 893 | 275 | 1,120 | 691 |
| Grant..... | 416 | 44 | 363 | 86 |
| Hempstead..... | 1,050 | 968 | 1,567 | 1,348 |
| Howard..... | 593 | 292 | 786 | 844 |
| Jefferson..... | 1,189 | 1,570 | 896 | 3,085 |
| Lafayette..... | 228 | 451 | 389 | 581 |
| Lincoln..... | 601 | 414 | 661 | 927 |
| Little River..... | 81 | 262 | 338 | 413 |
| Miller..... | 347 | 220 | 638 | 686 |
| Nevada..... | 858 | 334 | 1,150 | 392 |
| Onachita..... | 751 | 805 | 1,004 | 1,001 |
| Sevier..... | 238 | 146 | 504 | 117 |
| Union..... | 837 | 583 | 1,094 | 746 |
| Total..... | 11,226 | 8,399 | 15,566 | 14,159 |
| Majority..... | 2,827 | | 1,407 | |
| Per cent..... | 57.30 | 42.71 | 52.36 | 47.63 |
| Total vote..... | 19,625 | | 29,725 | |
| Scattering.... | 11 | | | |

| | 1878. | |
|-----------------|-------------|-----------|
| | Cravens, D. | Rice, Gr. |
| Clark..... | 544 | 512 |
| Crawford..... | 567 | 668 |
| Faulkner..... | 317 | 295 |
| Franklin..... | 824 | 187 |
| Garland..... | 196 | 464 |
| Hot Spring..... | 276 | 124 |
| Johnson..... | 747 | 162 |
| Logan..... | 588 | 460 |
| Montgomery..... | 138 | 98 |
| Perry..... | 91 | 83 |
| Pike..... | 188 | 63 |
| Polk..... | 194 | 73 |
| Pulaeki..... | 710 | 2,160 |
| Saline..... | 354 | 237 |
| Scott..... | 288 | 241 |
| Sebastian..... | 683 | 723 |
| Yell..... | 498 | 338 |
| Total..... | 7,203 | 6,468 |
| Majority..... | 834 | |
| Per cent..... | 51.11 | 48.87 |
| Total vote..... | 14,070 | |

| | 1876. | |
|-----------------|-------------|----------------|
| | McClure, R. | Cravens, B. D. |
| 3d Dist. | Stuart, D. | Rice, Gr. |
| Clark..... | 775 | 63 |
| Crawford..... | 582 | 781 |
| Faulkner..... | 158 | 459 |
| Franklin..... | 235 | 863 |
| Garland..... | 500 | 448 |
| Hot Spring..... | 128 | 38 |
| Johnson..... | 161 | 978 |
| Montgomery..... | 85 | 7 |
| Perry..... | 96 | 31 |
| Pike..... | 206 | 3 |
| Polk..... | 9 | 95 |
| Pulaeki..... | 3,123 | 737 |
| Saline..... | 230 | 311 |
| Scott..... | 180 | 536 |
| Sebastian..... | 715 | 1,153 |
| Logan..... | 388 | 863 |
| Yell..... | 480 | 942 |
| Total..... | 8,016 | 8,277 |
| Maj. over next, | 161 | 5,927 |
| Per cent.... | 34.73 | 85.26 |
| Total vote, | 23,081 | 21.34 |

| | 1878. | | 1876. |
|-----------------|----------------|-----------------|-----------|
| | Gun-ter, D. | Cunning-ham, D. | Smith, R. |
| 4th Dist. | Huck-berry, R. | | |
| | 5,391 | 2,009 | 969 |
| Maj. over next, | 2,782 | 8,188 | |
| Per cent.. | 60.10 | 29.08 | 10.80 |
| Total vote.. | 8,969 | 74.78 | 25.22 |

ON REPRESENTATIVES IN CONGRESS.

| | |
|------------------------------------|--------|
| Total vote in State, 1878, Dem.... | 32,570 |
| Opp..... | 18,873 |
| For Congress. | 51,443 |
| 1876, Dem..... | 57,966 |
| Opp..... | 27,208 |
| Total..... | 85,169 |

In 1878, the vote for Governor was 86,730, all cast for W. R. Miller, Dem., there being no Republican or opposition candidate.

The Legislature elected in 1878 stands 110 Democrats, 7 Republicans, and 7 National Greenback party.

1874.—Total vote for Governor, 76,453, all cast for A. H. Garland, Dem. No opposition candidate.

CALIFORNIA.

No general election has occurred in this State since Nov., 1876, when the vote for President and Congress was as follows:

President: Hayes, Rep., 79,269; Tilden, Dem., 76,464; Cooper, Greenback, 44. Republican majority, 2,805.

1st Cong. Dist., Horace Davis, R.... 22,114
William A. Piper, D.... 19,363

2d Cong. Dist., Horace N. Page, R.... 20,815
G. J. Carpenter, D.... 15,916

3d Cong. Dist., Joseph McKenna, R.... 18,990
John K. Luttrell, D.... 19,846

4th Cong. Dist., R. Pacheco, R.... 19,104
P. D. Wigginton, D.... 19,108

The Legislature of 1877-1878 stood—Democrats, 82. Republicans, 35. Independents, 3.
An election for Representatives in Congress, as well as for Governor and Legislature, will take place September 2d, 1879.

COLORADO.—Representative in Congress.

CONGRESS. GOVERNOR.
COUNTIES—30. Oct. 1, 1878. Oct. 3, 1876.

| | Belford. | Patterson. | Childs. | Rount. | Hughes. |
|--------------|----------|------------|---------|-------------|---------|
| | R. | D. | Gr. | R. | D. |
| Arapahoe... | 2,262 | 1,473 | 246 | 2,173 | 1,795 |
| Bent..... | 179 | 235 | 6 | 250 | 439 |
| Boulder.... | 1,040 | 656 | 575 | 1,539 | 1,096 |
| Clear Creek | 1,063 | 877 | 192 | 1,073 | 1,031 |
| Conejos.... | 401 | 480 | 13 | 341 | 218 |
| Costilla.... | 335 | 248 | .... | 351 | 173 |
| Custer..... | 236 | 227 | 15 | New county. | |
| Douglas.... | 289 | 227 | 20 | 283 | 333 |
| Elbert..... | 150 | 163 | 21 | 84 | 117 |
| El Paso.... | 858 | 361 | 23 | 713 | 397 |
| Fremont.... | 353 | 234 | 79 | 522 | 531 |
| Gilpin..... | 1,097 | 640 | 206 | 1,005 | 763 |
| Grand..... | 84 | 44 | 1 | 73 | 147 |
| Gunnison... | 44 | 48 | .... | New county. | |
| Hinsdale... | 308 | 292 | 56 | 420 | 382 |
| Huerfano... | 444 | 491 | 231 | 410 | 614 |
| Jefferson... | 505 | 511 | 126 | 537 | 596 |
| Lake..... | 966 | 909 | .... | 229 | 234 |
| La Plata.... | 130 | 189 | 119 | 50 | 108 |
| Larimer.... | 369 | 362 | 14 | 374 | 300 |
| Las Animas | 629 | 1,045 | 26 | 669 | 1,271 |
| Ouray..... | 316 | 356 | 3 | New county. | |
| Park..... | 320 | 235 | 20 | 465 | 423 |

CONGRESS. GOVERNOR.
COUNTIES. Oct. 1, 1878. Oct. 3, 1876.

| | | | | | |
|--------------|-----|-----|------|-------------|-----|
| Pueblo..... | 490 | 600 | 8 | 466 | 423 |
| Rio Grande.. | 251 | 159 | .... | 364 | 362 |
| Routt..... | 21 | 29 | .... | New county. | |
| Saguache.... | 181 | 143 | .... | 306 | 189 |
| San Juan.... | 277 | 294 | 47 | 393 | 410 |
| Summit.... | 191 | 106 | 6 | 201 | 185 |
| Weir..... | 603 | 329 | 281 | 788 | 468 |

Total.....14,294 12,008 2,820 14,154 13,316

Major. over next.....2,291 - 838

Per cent....49.93 41.93 8.38 48.48 51.52

Tot. vote. 28,626 27,470

At the State election, Oct. 3, 1876, Belford, Rep., received 13,438 votes for Representative in the Forty-fifth Congress, against 13,310 votes for Patterson, Dem. At a later day, Nov. 7, 1876, polls were opened in some places for Congressional Representative, when T. M. Patterson, Dem., received about 2,000 votes, the Republicans declining to vote. Belford received the certificate of election, but Patterson was admitted to the seat in the House, Dec. 13, 1877, by vote of 116 to 110.

The Legislature for 1879-1880 stands 53 Republicans, 19 Democrats, and 1 National Green-back.

CONNECTICUT.—State Ticket.

| COUNTIES—8. | Governor—1878. | | | | Pres't.—1876. | | Gov'r.—1876. | |
|-------------------------|----------------|----------|----------|----------|---------------|--------|--------------|----------|
| | Andrews. | Hubbard. | Atwater. | Baldwin. | Hayes | Tilden | Robinson. | Hubbard. |
| | R. | D. | G. | Pro. | R. | D. | R. | D. |
| Hartford..... | 10,550 | 10,598 | 1,449 | 121 | 12,311 | 13,537 | 12,346 | 13,438 |
| New Haven.... | 10,603 | 10,502 | 3,369 | 261 | 13,180 | 15,629 | 13,059 | 15,575 |
| New London... | 5,530 | 4,239 | 1,185 | 300 | 7,173 | 6,620 | 7,063 | 6,659 |
| Fairfield..... | 8,803 | 8,241 | 1,436 | 32 | 10,210 | 11,410 | 9,894 | 11,428 |
| Windham..... | 3,291 | 2,316 | 265 | 108 | 4,324 | 2,822 | 4,268 | 2,828 |
| Litchfield.... | 4,639 | 5,316 | 361 | 81 | 5,237 | 5,921 | 5,151 | 5,950 |
| Middlesex.... | 3,117 | 2,967 | 219 | 111 | 3,865 | 3,657 | 3,771 | 3,708 |
| Tolland..... | 2,274 | 2,206 | 30 | 65 | 2,734 | 2,338 | 2,715 | 2,348 |
| Total..... | 48,867 | 46,385 | 8,314 | 1,079 | 59,034 | 61,934 | 58,267 | 61,934 |
| Per cent..... | 46.61 | 44.29 | 7.93 | 1.27 | | | | |
| Majority over next..... | 2,481 | | | | | 2,900 | | 3,667 |
| Scattering votes..... | 96 | | | | 1,184 | | 1,376 | |
| Total vote..... | 104,741 | | | | 122,152 | | 121,577 | |

STATE OF DELAWARE.

| COUNTIES. | GOVERNOR—1878. | | PRESIDENT—1876. | |
|-----------------|----------------|----------|-----------------|--------|
| | Hall. | Stewart. | Tilden. | Hayes. |
| | D. | G. | D. | R. |
| Kent..... | 2,208 | 83 | 3,278 | 1,935 |
| Newcastle.. | 5,030 | 675 | 6,613 | 6,054 |
| Sussex..... | 3,492 | 2,127 | 3,490 | 2,763 |
| Total..... | 10,730 | 2,835 | 13,331 | 10,752 |
| Majority.... | 7,895 | | 2,629 | |
| Per cent.... | 79.40 | 20.60 | 55.44 | 44.56 |
| Total vote..... | 13,565 | | 24,135 | |

In 1878 no Republican State or Congressional ticket was nominated.

| COUNTIES. | REPRESENTATIVE IN CONGRESS. | | | |
|-----------------|-----------------------------|----------|-----------|--------|
| | 1878. | | 1876. | |
| | Martin. | Jackson. | Williams. | Bird. |
| | D. | G. | D. | R. |
| Kent..... | 2,163 | 36 | 3,266 | 1,905 |
| Newcastle.. | 4,999 | 771 | 6,494 | 5,873 |
| Sussex..... | 3,414 | 2,159 | 3,400 | 2,815 |
| Total..... | 10,576 | 2,966 | 13,169 | 10,592 |
| Majority.... | 7,610 | | 2,577 | |
| Per cent.... | 78.10 | 22.90 | | |
| Total vote..... | 13,542 | | 28,761 | |

In 1876 Charles Moore, prohibition, had 236 votes.

CONNECTICUT.—Representatives in Congress.

| FIRST DISTRICT | 1878. | | | | 1876. | |
|--------------------------------|---------------|----------------|--------------|----------------|---------------------|----------------|
| | Hawley. R. | Landers. D. | Baker. G. | Johnson. P. | Hawley. R. | Landers. D. |
| Hartford Co. | 11,768 | 9,783 | 967 | 59 | 12,632 | 13,214 |
| Tolland. | 2,417 | 2,116 | 8 | 35 | 2,758 | 2,315 |
| Total. | 14,185 | 11,899 | 995 | 94 | 15,390 | 15,529 |
| Per cent. | 48.86 | 52.20 | 3.66 | | | |
| Maj. over next, Total vote, | 2,286 | | | | Majority, 23,919 | 130 |
| | | 27,173 | | | | |

| Second District. | 1878. | | 1876. | | Fourth District. | 1878. | | 1876. | |
|--------------------------------|----------------|--------------------|------------------------|---------------------|---------------------------------|--------------|------------------------|---------------|----------------|
| | Douglas. R. | Phelps. D. & G. | Harring- ton. P. | Kellogg. R. | | Miles. R. | Brugger- hof. D. | Taylor. G. | Hubbard. R. |
| N. Haven Co. 10,948 | 13,451 | 223 | 13,041 | 15,761 | Fairfield Co. 9,139 | 7,899 | 1,431 | 10,317 | 11,386 |
| Middlesex Co. 3,288 | 3,053 | 71 | 3,736 | 3,739 | Litchfield Co. 4,977 | 5,030 | 417 | 5,184 | 5,247 |
| Total. | 14,231 | 16,504 | 294 | 16,777 | Total. | 14,109 | 12,929 | 1,848 | 15,501 |
| Per cent. | 45.83 | 53.18 | 1.97 | | Per cent. | 44.62 | 48.70 | 6.87 | |
| Maj. over next, Total vote, | 2,273 | | | Maj. 2,723 | 96 scattering votes were cast. | | | | |
| | 31,039 | | | 36,277 | Maj. ov. n., 1,180 | | | | Maj., 1,732 |
| Third District. | Walt. R. | Carter. D. | Palmer. G. | Walt. Waller. R. | Total vote, | 23,973 | | | 32,734 |
| N. London Co. 5,876 | 5,084 | 264 | 7,023 | 6,696 | Total vote of State, 1878, | | | | 104,357; 1876 |
| Windham Co. 3,360 | 2,487 | 111 | 4,255 | 2,639 | (Congress), 115,743. | | | | |
| Total. | 9,236 | 7,571 | 375 | 11,268 | The Legislature of 1879 stands— | | | | |
| Per cent. | 53.75 | 44.06 | 2.17 | | Rep. | 14 | 7 | | |
| Maj. ov. next, Total vote, | 1,665 | | | 1,748 | Senate. | 142 | 100 | | 2 |
| | 17,182 | | | 20,818 | House. | 156 | 107 | | 2 |

FLORIDA.—Representatives in Congress.

| 1st. DIST. | 1878. | | 1876. | | 2d DIST. | 1878. | | 1876. | |
|-----------------------|----------------------|---------------------|----------------------|--------------------|--|-------------|---------------|---------------|---------------|
| | David- son. D. | Con- over. R. | David- son. D. | Pur- man. R. | | Hull. D. | Blabee. R. | Finley. D. | Blabee. R. |
| Calhoun. | 167 | 50 | 217 | 57 | Alachua. | 1,178 | 1,745 | 1,255 | 1,972 |
| Escambia. | 1,310 | 1,176 | 1,433 | 1,582 | Baker. | 256 | 158 | 238 | 143 |
| Franklin. | 165 | 91 | 175 | 84 | Bradford. | 697 | 223 | 707 | 199 |
| Gadsden. | 1,020 | 1,102 | 855 | 1,230 | Brevard. | | | 111 | 56 |
| Hernando. | 452 | 10 | 580 | 139 | Columbia. | 908 | 803 | 901 | 717 |
| Hillsborough. | 672 | 6 | 796 | 181 | Clay. | 307 | 112 | 236 | 130 |
| Holmes. | 297 | 7 | 300 | 16 | Dade. | 47 | 14 | 5 | 8 |
| Jackson. | 1,384 | 737 | 1,395 | 1,293 | Daval. | 1,129 | 2,213 | 1,468 | 2,331 |
| Jefferson. | 774 | 907 | 743 | 2,658 | Hamilton. | 609 | 418 | 614 | 329 |
| La Fayette. | 253 | 35 | 310 | 61 | Madison. | | | 1,069 | 1,521 |
| Leon. | 732 | 2,446 | 1,015 | 3,007 | Marion. | 1,008 | 1,190 | 933 | 1,548 |
| Levy. | 543 | 363 | 491 | 205 | Nassau. | 623 | 769 | 670 | 794 |
| Liberty. | 139 | 93 | 148 | 81 | Orange. | 823 | 218 | 926 | 194 |
| Manatee. | 410 | 87 | 293 | 26 | Putnam. | 616 | 622 | 617 | 579 |
| Monroe. | 463 | 372 | 1,063 | 966 | St. Johns. | 532 | 346 | 508 | 331 |
| Polk. | 375 | | 456 | 6 | Suwannee. | 540 | 553 | 629 | 456 |
| Santa Rosa. | 564 | 301 | 771 | 405 | Volusia. | 367 | 242 | 474 | 173 |
| Sumter. | 461 | 148 | 513 | 167 | Total. | 9,639 | 9,626 | 11,452 | 11,470 |
| Taylor. | 215 | 26 | 243 | 71 | Majority. | 13 | | | 13 |
| Wakulla. | 314 | 177 | 264 | 179 | Per cent. | 50.08 | 49.96 | 49.96 | 50.08 |
| Walton. | 602 | 63 | 636 | 43 | Total vote. | 19,265 | | 22,922 | |
| Washington. | 371 | 106 | 408 | 117 | | | | | |
| Total. | 11,533 | 8,361 | 13,163 | 12,623 | The vote in the 2d District of Florida in 1878, as first canvassed in pursuance of an opinion of the Supreme Court of the State, gave a small majority to Blabee, Rep. The Board of State Canvassers, however, revised the returns, Dec. 23, 1878, throwing out the entire vote of Brevard and Madison Counties, as so mixed with fraud that they could not determine what votes were actually polled, and giving the District to the Democratic candidate by 13 majority. | | | | |
| Majority. | 3,231 | | 540 | | | | | | |
| Per cent. | 53.14 | 41.85 | 51.04 | 48.95 | | | | | |
| Total vote. | 19,833 | | 25,786 | | | | | | |

| COUNTIES—34. | 1878. | | 1876. | | COUNTIES. | 1878. | | 1876. | |
|---------------|----------------|--------------|---------------|--------------|---|----------------|--------------|---------------|--------------|
| | Bennett. R. | Tripp. D. | Kidder. R. | Spink. D. | | Bennett. R. | Tripp. D. | Kidder. R. | Spink. D. |
| Armstrong.... | 48 | 49 | 9 | 60 | Minnehaha... | 840 | 506 | 795 | 76 |
| Barnes..... | 69 | 18 | 50 | .... | Moody..... | 351 | 175 | 136 | 17 |
| Bon Homme.. | 423 | 418 | 406 | 183 | Morton..... | 58 | 19 | .... | .... |
| Brookings... | 136 | 92 | 74 | 2 | Pembina.... | 238 | 123 | 187 | 20 |
| Brule..... | .... | 16 | .... | 17 | Pennington.. | 293 | 345 | .... | .... |
| Burleigh.... | 213 | 529 | 217 | 232 | Richland.... | 142 | 99 | 126 | 4 |
| Cass..... | 604 | 278 | 296 | 74 | Stanley..... | .... | .... | .... | .... |
| Clay..... | 470 | 514 | 799 | 143 | Stutsman.... | 33 | 44 | 77 | 79 |
| Charles Mix.. | 20 | 27 | 29 | 40 | Traill..... | 447 | 87 | 115 | 46 |
| Codington.... | 54 | 80 | .... | .... | Turner..... | 268 | 231 | 265 | 71 |
| Custer..... | 18 | 54 | .... | .... | Union..... | 663 | 611 | 790 | 494 |
| Davison..... | 5 | 27 | 15 | 9 | Yankton..... | 983 | 727 | 757 | 645 |
| Deuel..... | 130 | 32 | .... | .... | Total..... | 10,455 | 8,493 | 6,199 | 2,413 |
| Grand Forks.. | 370 | 306 | 120 | 4 | Majority.... | 1,962 | .... | 3,786 | .... |
| Grant..... | 66 | .... | .... | .... | Per cent.... | 55.17 | 44.82 | 71.96 | 23.01 |
| Hamlin..... | 12 | 17 | .... | .... | Total vote.. | 18,948 | .... | 8,612 | .... |
| Hanson..... | 34 | 33 | 34 | 4 | NOTE.—The votes of Brule, Grand Forks, and Lake, though reckoned above, to show the whole vote cast, were thrown out by the canvassers for irregularity. | | | | |
| Hutchinson.. | 178 | 68 | 134 | 41 | | | | | |
| Lake..... | 163 | 30 | 32 | 15 | | | | | |
| Lawrence.... | 2,426 | 2,561 | .... | .... |  |  |  |  |  |
| Lincoln..... | 635 | 200 | 736 | 147 | | | | | |
| McCook..... | 64 | 24 | .... | .... |  |  |  |  |  |

GEORGIA.—Representatives in Congress.

| 1st Dist. | 1878. | | 1876. | | 3d Dist. | 1878. | | 1876. | |
|----------------------------|-----------------|-------------------|------------------|---------------|----------------------------|---------------|-------------------|---------------|-----------------|
| | Nicholls. D. | Corker. Gr. | Hartridge. D. | Bryant. R. | | Smith. D. | Wade. R. | Smith. D. | Whiteley. R. |
| Applying.... | 343 | 93 | 407 | 131 | Baker..... | 616 | 98 | 816 | 209 |
| Bryan..... | 177 | 112 | 352 | 278 | Berrien.... | 762 | 21 | 890 | 34 |
| Bullock..... | 759 | .... | 1,006 | .... | Brooks..... | 703 | 499 | 1,012 | 771 |
| Burke..... | 581 | 1,542 | 1,020 | 966 | Calhoun.... | 416 | 102 | 619 | 556 |
| Camden..... | 352 | 63 | 283 | 456 | Clay..... | 342 | 53 | 741 | 352 |
| Charlton.... | 142 | .... | 250 | 9 | Colquitt.... | 146 | 12 | 216 | 86 |
| Chatham.... | 2,066 | 1,778 | 2,144 | 1,533 | Decatur.... | 646 | 985 | 1,461 | 1,612 |
| Clinch..... | 233 | 164 | 532 | 114 | Dougherty.. | 511 | 97 | 533 | 403 |
| Echols..... | 201 | .... | 172 | 22 | Early..... | 320 | .... | 659 | 369 |
| Effingham.. | 276 | .... | 630 | 132 | Lowndes... Miller..... | 686 117 | 537 | 820 | 509 |
| Emanuel.... | 323 | 58 | 754 | 107 | Mitchell.... | 473 | 326 | 624 | 541 |
| Glynn..... | 263 | 161 | 266 | 571 | Quitman... Randolph.. | 172 549 | 9 | 458 | 48 |
| Liberty..... | 307 | 467 | 505 | 731 | Terrell..... | 306 | 14 | 852 | 361 |
| McIntosh... Pierce..... | 129 404 | 362 122 | 304 328 | 690 264 | Thomas..... | 866 | 695 | 1,572 | 1,213 |
| Scriven..... | 592 | .... | 997 | 196 | Worth..... | 436 | 21 | 620 | 173 |
| Tatnall.... | 427 | 31 | 585 | 55 | Total..... | 8,126 | 3,642 | 13,627 | 8,015 |
| Ware..... | 267 | 51 | 387 | 229 | Majority.... | 4,483 | .... | 5,612 | .... |
| Wayne..... | 504 | 27 | 543 | 160 | Per cent.... | 67.04 | 30.35 | 61.56 | 38.42 |
| Total..... | 8,477 | 5,081 | 11,465 | 5,922 | Tot. vote.. | 11,678 | .... | 21,642 | .... |
| Majority.... | 3,446 | .... | 5,543 | .... |  |  |  |  |  |
| Per cent.... | 62.75 | 37.24 | 65.36 | 34.63 | | | | | |
| Tot. vote.. | 13,501 | .... | 17,387 | .... |  |  |  |  |  |
| 2d Dist. | 1878. | | 1876. | | 4th Dist. | 1878. | | 1876. | |
| | Cook. D. | Scattering. D. | Cook. D. | Pierce. R. | | Harris. D. | Persons. I. D. | Harris. D. | Hillird. R. |
| Coffee..... | 106 | .... | 369 | 18 | Campbell... Carroll.... | 409 1,302 | 873 728 | 795 1,737 | 350 717 |
| Dodge..... | 186 | .... | 444 | 137 | Chatt'chee.. | 329 | 561 | 630 | 177 |
| Dooley..... | 183 | .... | 1,459 | 294 | Coweta..... | 946 | 2,034 | 1,362 | 1,320 |
| Erwin..... | 101 | .... | 304 | .... | Douglas.... | 334 | 505 | 591 | 153 |
| Lee..... | 100 | .... | 404 | 710 | Harris..... | 1,137 | 1,070 | 1,243 | 915 |
| Macon..... | 340 | 4 | 946 | 699 | Heard..... | 656 | 571 | 735 | 268 |
| Montgomery | 97 | .... | 496 | 15 | Marion..... | 307 | 844 | 570 | 322 |
| Pulaski.... | 168 | .... | 1,844 | 169 | Merrithew'r | 1,450 | 1,353 | 1,378 | 634 |
| Schley..... | 167 | .... | 401 | 289 | Muscogee... Talbot.... | 1,580 445 | 1,091 1,845 | 1,778 958 | 421 538 |
| Stewart.... | 178 | .... | 930 | 306 | Troup..... | 1,206 | 1,851 | 2,020 | 355 |
| Sumter..... | 481 | 2 | 1,670 | 836 | Total..... | 10,101 | 13,386 | 13,797 | 5,783 |
| Taylor..... | 146 | .... | 691 | 419 | Majority.... | 3,235 | .... | 8,012 | .... |
| Telfair.... | 167 | .... | 430 | 37 | Per cent.... | 43.14 | 56.84 | .... | .... |
| Webster.... | 106 | .... | 460 | 305 | Tot. vote.. | 23,437 | .... | 19,072 | .... |
| Wilcox..... | 95 | .... | 336 | 26 | | | | | |
| Total..... | 2,628 | 6 | 10,684 | 4,280 | | | | | |
| Majority.... | .... | .... | 6,404 | .... |  |  |  |  |  |
| Per cent.... | 99.73 | .... | 71.38 | 28.60 | | | | | |
| Tot. vote.. | 2,634 | .... | 14,961 | .... |  |  |  |  |  |

GEORGIA.—Representatives in Congress. (Continued.)

| 1878. | | | | | 1876. | | | | | 1878. | | | | | 1876. | | | | |
|-------------|--------|---------|-------|----------|--------|----------|--|--|--|---|-------|------------|------|-----------|-------|-----------|--|--|--|
| Hammond. | | Arnold. | | Candler. | | Markham. | | | | Stephens. | | Scatter'g. | | Stephens. | | Tennelle. | | | |
| 5th Dist. | D. | | Gr. | D. | R. | | | | | 8th Dist. | D. | | | D. | R. | | | | |
| Crawford.. | 1,013 | | 60 | 1,098 | 83 | | | | | Columbia.. | 46 | | 1 | 524 | | | | | |
| Clayton.... | 831 | | 453 | 892 | 387 | | | | | Elbert..... | 296 | | 15 | 827 | | | | | |
| DeKalb.... | 607 | | 504 | 1,326 | 889 | | | | | Glascok.... | 52 | | 5 | 873 | | | | | |
| Fayette.... | 461 | | 323 | 646 | 422 | | | | | Greene.... | 486 | | | 1,088 | | | | | |
| Fulton.... | 2,214 | | 2,746 | 4,122 | 2,385 | | | | | Hancock.... | 180 | | 4 | 917 | | | | | |
| Henry..... | 554 | | 720 | 1,182 | 686 | | | | | Hart..... | 199 | | 2 | 732 | | | | | |
| Houston.... | 736 | | 798 | 2,546 | 1,473 | | | | | Jefferson... | 148 | | | 945 | | | | | |
| Milton..... | 396 | | 200 | 696 | 14 | | | | | Johnson.... | 141 | | | 354 | | | | | |
| Monroe.... | 1,434 | | 552 | 1,884 | 1,021 | | | | | Lincoln.... | 71 | | | 527 | | | | | |
| Pike..... | 1,063 | | 703 | 1,540 | 673 | | | | | McDuffie... | 99 | | | 647 | | | | | |
| Spalding... | 599 | | 800 | 1,053 | 607 | | | | | Oglethorpe. | 471 | | | 987 | | | | | |
| Upson..... | 962 | | 337 | 1,108 | 700 | | | | | Richmond.. | 787 | | 8 | 3,343 | | | | | |
| | | | | | | | | | | Taliaferro.. | 248 | | | 613 | | | | | |
| Total.... | 10,269 | | 8,196 | 18,063 | 8,720 | | | | | Warren..... | 149 | | 7 | 635 | | | | | |
| Majority... | 2,073 | | | 9,363 | | | | | | Washington | 169 | | 5 | 834 | | | | | |
| Per cent... | 55.61 | | 44.38 | 67.46 | 32.52 | | | | | Wilkes..... | 131 | | 7 | 1,115 | | | | | |
| Tot. vote, | | 18,465 | | | 28,903 | | | | | | | | | | | | | | |
| | | | | | | | | | | Total ... | 3,673 | | 54 | 14,471 | | 1,273 | | | |
| | | | | | | | | | | Majority... | 3,619 | | | 13,198 | | | | | |
| | | | | | | | | | | Per cent... | 98.55 | | 1.45 | 91.91 | | 8.09 | | | |
| | | | | | | | | | | Tot. vote. | 3,727 | | | 15,744 | | | | | |
| | | | | | | | | | | No opposition candidate was nominated in this district in 1878. | | | | | | | | | |
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The Legislature of 1878-79 stands : Democrats, 215 ; Republicans, 4.

ILLINOIS.—State Ticket.

| COUNTIES—102. | Treasurer—1878. | | | President—1876. | | |
|-----------------|-----------------|------------------|-----------------|-----------------|---------------|---------------|
| | Smith. R. | Cronkrite. D. | Bates. N. G. | Hayes. R. | Tilden. D. | Cooper. G. |
| Adams..... | 2,991 | 4,045 | 793 | 4,953 | 6,308 | 41 |
| Alexander..... | 1,080 | 970 | 68 | 1,219 | 1,280 | ... |
| Bond..... | 1,249 | 916 | 329 | 1,520 | 1,143 | 17 |
| Boone..... | 1,508 | 243 | 180 | 1,965 | 263 | 43 |
| Brown..... | 516 | 1,026 | 661 | 944 | 1,495 | 183 |
| Bureau..... | 2,734 | 692 | 1,487 | 3,719 | 2,218 | 145 |
| Calhoun..... | 237 | 627 | 147 | 441 | 900 | ... |
| Carroll..... | 1,489 | 392 | 340 | 2,231 | 919 | 111 |
| Cass..... | 834 | 1,280 | 539 | 1,209 | 1,618 | 74 |
| Champaign..... | 3,371 | 2,127 | 1,486 | 4,530 | 3,108 | 604 |
| Christian..... | 1,549 | 2,207 | 594 | 2,501 | 3,287 | 207 |
| Clark..... | 1,399 | 1,558 | 627 | 1,814 | 2,197 | 296 |
| Clay..... | 1,204 | 1,322 | 195 | 1,416 | 1,541 | 112 |
| Clinton..... | 1,080 | 1,555 | 178 | 1,329 | 1,989 | 132 |
| Coles..... | 2,301 | 2,380 | 425 | 2,957 | 2,822 | 108 |
| Cook..... | 27,922 | 16,961 | 4,467 | 36,900 | 31,302 | 300 |
| Crawford..... | 968 | 1,298 | 220 | 1,335 | 1,648 | 83 |
| Cumberland..... | 909 | 1,020 | 315 | 1,145 | 1,407 | 129 |
| DeKalb..... | 2,377 | 657 | 698 | 3,679 | 1,418 | 65 |
| DeWitt..... | 1,567 | 1,067 | 662 | 1,928 | 1,174 | 746 |
| Douglas..... | 1,527 | 1,441 | 144 | 1,681 | 1,367 | 94 |
| DuPage..... | 1,648 | 647 | 226 | 2,129 | 1,276 | 25 |
| Edgar..... | 2,277 | 2,640 | 346 | 2,715 | 2,883 | 131 |
| Edwards..... | 904 | 483 | 35 | 970 | 466 | 61 |
| Effingham..... | 859 | 1,551 | 84 | 1,145 | 2,205 | 43 |
| Fayette..... | 1,571 | 1,933 | 396 | 1,881 | 2,421 | 57 |
| Ford..... | 1,267 | 340 | 957 | 1,601 | 742 | 204 |
| Franklin..... | 706 | 963 | 376 | 966 | 1,302 | 391 |
| Fulton..... | 3,087 | 3,462 | 804 | 4,187 | 4,669 | 89 |
| Gallatin..... | 744 | 1,217 | 35 | 703 | 1,140 | 282 |
| Greene..... | 827 | 1,724 | 149 | 1,695 | 3,160 | 1 |
| Grundy..... | 1,596 | 193 | 1,155 | 1,996 | 1,142 | 108 |
| Hamilton..... | 263 | 1,032 | 826 | 627 | 1,433 | 770 |
| Hancock..... | 2,736 | 3,426 | 645 | 3,496 | 4,207 | 89 |
| Hardin..... | 252 | 542 | ..... | 380 | 611 | 134 |
| Henderson..... | 1,112 | 698 | 388 | 1,315 | 1,015 | 1 |
| Henry..... | 3,008 | 713 | 1,816 | 4,177 | 1,928 | 340 |
| Iroquois..... | 2,443 | 695 | 2,042 | 3,768 | 2,578 | 244 |
| Jackson..... | 1,528 | 1,521 | 683 | 2,040 | 2,071 | 106 |
| Jasper..... | 805 | 1,320 | 106 | 918 | 1,461 | 106 |
| Jefferson..... | 816 | 1,277 | 672 | 1,346 | 1,667 | 647 |
| Jersey..... | 674 | 1,556 | 540 | 1,945 | 2,166 | ... |
| Jo Daviess..... | 2,428 | 1,168 | 638 | 2,907 | 2,276 | 140 |
| Johnson..... | 1,105 | 755 | 359 | 1,367 | 893 | 61 |
| Kane..... | 4,084 | 1,338 | 1,222 | 5,396 | 2,850 | 173 |
| Kankakee..... | 1,729 | 800 | 388 | 2,627 | 1,363 | 126 |
| Kendall..... | 1,512 | 153 | 653 | 1,969 | 524 | 309 |
| Knox..... | 3,189 | 1,866 | 1,148 | 5,235 | 2,632 | 141 |
| Lake..... | 2,004 | 1,045 | 234 | 2,619 | 1,647 | 55 |
| LaSalle..... | 4,357 | 2,617 | 2,627 | 6,278 | 6,001 | 514 |
| Lawrence..... | 1,109 | 1,171 | 109 | 1,198 | 1,329 | 27 |
| Lee..... | 1,978 | 783 | 921 | 3,067 | 2,080 | 100 |
| Livingston..... | 2,734 | 589 | 2,533 | 3,550 | 2,134 | 1,170 |
| Logan..... | 2,346 | 2,197 | 381 | 2,788 | 2,595 | 87 |
| Macon..... | 2,080 | 1,865 | 499 | 3,120 | 2,782 | 268 |
| Macoupin..... | 2,715 | 3,278 | 340 | 3,567 | 4,076 | 114 |
| Madison..... | 3,436 | 3,459 | 641 | 4,554 | 4,730 | 89 |
| Marion..... | 1,408 | 1,818 | 669 | 2,009 | 2,444 | 202 |
| Marshall..... | 1,373 | 1,109 | 258 | 1,553 | 1,430 | 135 |
| Mason..... | 969 | 1,274 | 450 | 1,566 | 1,939 | 83 |
| Massac..... | 1,070 | 752 | 104 | 1,281 | 793 | 20 |
| McDonough..... | 2,557 | 2,828 | 884 | 2,959 | 2,811 | 347 |
| McHenry..... | 2,157 | 919 | 742 | 3,463 | 1,874 | 84 |
| McLean..... | 5,166 | 3,210 | 1,657 | 6,363 | 4,410 | 518 |
| Menard..... | 701 | 1,040 | 737 | 1,115 | 1,857 | 10 |
| Mercer..... | 1,873 | 867 | 861 | 2,209 | 1,428 | 90 |
| Mourroe..... | 738 | 1,850 | 65 | 845 | 1,651 | 7 |
| Montgomery..... | 1,561 | 2,245 | 544 | 2,486 | 3,013 | 201 |
| Morgan..... | 2,491 | 2,744 | 738 | 3,069 | 3,174 | 109 |
| Moultrie..... | 771 | 1,033 | 211 | 1,245 | 1,672 | 28 |
| Ogle..... | 2,325 | 1,470 | 737 | 3,833 | 1,921 | 101 |
| Peoria..... | 3,763 | 4,049 | 1,069 | 4,685 | 5,448 | 95 |

ILLINOIS.—State Ticket. (Continued.)

| COUNTIES—102. | Treasurer—1878. | | | President—1876. | | |
|-------------------------|-----------------|------------------|-----------------|-----------------|---------------|---------------|
| | Smith. R. | Cronkrite. D. | Bates. N. G. | Hayes. R. | Tilden. D. | Cooper. G. |
| Perry..... | 1,256 | 1,354 | 289 | 1,541 | 1,383 | 48 |
| Platt..... | 1,349 | 1,105 | 267 | 1,807 | 1,316 | 117 |
| Pike..... | 1,949 | 2,871 | 853 | 3,055 | 4,040 | 85 |
| Pope..... | 1,254 | 847 | 109 | 1,319 | 800 | 5 |
| Pulaski..... | 944 | 593 | 156 | 1,043 | 772 | ... |
| Putnam..... | 471 | 225 | 146 | 646 | 459 | 14 |
| Randolph..... | 2,157 | 2,197 | 228 | 2,367 | 2,589 | 2 |
| Richland..... | 1,173 | 1,445 | ..... | 1,410 | 1,532 | 55 |
| Rock Island..... | 2,804 | 1,166 | 1,978 | 3,912 | 2,838 | 27 |
| Saline..... | 970 | 956 | 415 | 960 | 1,061 | 641 |
| Sangamon..... | 2,659 | 4,252 | 889 | 4,851 | 5,847 | 79 |
| Schuyler..... | 1,183 | 1,640 | 592 | 1,322 | 1,804 | 115 |
| Scott..... | 515 | 1,048 | 443 | 910 | 1,269 | 132 |
| Shelby..... | 917 | 2,008 | 1,277 | 2,069 | 3,553 | 341 |
| Stark..... | 1,017 | 308 | 588 | 1,440 | 798 | 96 |
| St. Clair..... | 4,314 | 2,380 | 473 | 4,708 | 5,891 | 99 |
| Stephenson..... | 2,115 | 2,068 | 280 | 3,198 | 2,786 | 26 |
| Tazewell..... | 2,111 | 2,404 | 431 | 2,850 | 3,171 | 44 |
| Union..... | 860 | 1,059 | 66 | 978 | 2,155 | 3 |
| Vermilion..... | 2,198 | 2,346 | 1,075 | 4,372 | 3,081 | 238 |
| Wabash..... | 653 | 910 | 54 | 650 | 936 | 207 |
| Warren..... | 2,416 | 1,844 | 539 | 2,795 | 1,984 | 138 |
| Washington..... | 1,909 | 1,665 | 57 | 1,911 | 1,671 | 89 |
| Wayne..... | 1,213 | 1,331 | 334 | 1,570 | 1,751 | 433 |
| White..... | 1,000 | 1,764 | 266 | 1,297 | 2,066 | 469 |
| Whiteside..... | 2,494 | 902 | 1,579 | 3,851 | 2,131 | 128 |
| Will..... | 3,793 | 2,580 | 1,883 | 4,770 | 3,999 | 677 |
| Williamson..... | 1,423 | 1,210 | 532 | 1,672 | 1,644 | 41 |
| Winnebago..... | 2,780 | 1,022 | 463 | 4,505 | 1,568 | 70 |
| Woodford..... | 1,379 | 1,573 | 507 | 1,733 | 2,105 | 237 |
| Total..... | 215,283 | 169,963 | 65,673 | 278,252 | 258,601 | 17,233 |
| Majority over next..... | 45,318 | | | 19,631 | | |
| Per cent of whole..... | 47.74 | 37.69 | 14.56 | 50.21 | 46.67 | 3.12 |

Total vote: in 1876, on President, 554,066; 1872, 426,882; and in 1878, on Treasurer, 450,831.

The Legislature of 1879-1880 stands 105 Republicans, 85 Democrats, 10 National or Green-back party, and 4 Socialists. Total, 204.

ILLINOIS.—Representatives in Congress.

| 1878. | | | | 1876. | | | |
|--|--------|-----------------|-------|--------|--------|-----------------------|--|
| Aldrich. | | Doo- little. | | Barr. | | Aldrich. Hazie. | |
| R. | D. | N. G. | R. | D. | | | |
| 1st DIST. | | | | | | | |
| Cook..... | 10,531 | 6,533 | 1,098 | 14,298 | 13,289 | | |
| Du Page.. | 1,699 | 669 | 156 | 2,280 | 812 | | |
| Total... | 12,230 | 7,222 | 1,854 | 10,578 | 14,101 | | |
| Maj. over | | | | | | | |
| next.... | 4,968 | | | 2,477 | | | |
| Per cent... | 51.73 | 30.59 | 7.84 | | | | |
| Total v. | | 23,638 | | | | | |
| Geo. S. Brown, Greenback, had 486 votes in 1876. | | | | | | | |
| John McAuliffe, Socialist Candidate, received 2,323 votes in the 1st District in 1878. | | | | | | | |
| Davis. | | Keece. | | Felch. | | Davis. Har- rison. | |
| R. | D. | N. G. | R. | D. | | | |
| 3d DIST. | | | | | | | |
| Cook..... | 10,347 | 6,111 | 1,600 | 14,090 | 14,732 | | |
| Total... | 10,347 | 6,111 | 1,600 | 14,090 | 14,732 | | |
| Maj. over | | | | | | | |
| next.... | 4,236 | | | 642 | | | |
| Per cent... | 49.79 | 2.94 | 7.69 | | | | |
| Total v. | | 20,781 | | | | | |
| S. F. Norton, Gr'n'b'k, had 118 votes in 1876 | | | | | | | |
| In 1878, G. A. Schilling, Socialist, received 2,473 votes in the 3d District, and 250 votes were cast for Condon, Ind. | | | | | | | |

| 1878. | | | | 1876. | | | |
|--|--------|-----------------|-------|------------------|--------|----------------------------|--|
| Barber. | | Tree. | | Cornell. | | Bren- ham. Mcyna. D. | |
| R. | D. | N. G. | R. | D. | | | |
| 3d DIST. | | | | | | | |
| Cook..... | 7,556 | 4,253 | 647 | 9,168 | 9,666 | | |
| Lake..... | 2,016 | 1,027 | 237 | 2,554 | 1,766 | | |
| Total... | 9,574 | 5,280 | 884 | 11,722 | 11,435 | | |
| Maj. over | | | | | | | |
| next ... | 4,294 | | | 287 | | | |
| Per cent... | 53.05 | 29.26 | 4.89 | | | | |
| Total v. | | 18,044 | | | | | |
| Benj. Sibley, Socialist, had 2,506 votes in the 3d District in 1878. | | | | | | | |
| Sherwin. Stough- ton. | | Adams. Lathrop. | | Farns- worth. | | | |
| R. | D. | N. G. | R. | D. | | | |
| 4th DIST. | | | | | | | |
| Boone.... | 1,514 | 332 | 151 | 1,117 | 338 | | |
| De Kalb.. | 2,811 | 744 | 699 | 2,686 | 1,481 | | |
| Kane..... | 3,832 | 975 | 1,450 | 3,176 | 2,801 | | |
| McHenry. | 2,120 | 893 | 776 | 1,801 | 1,940 | | |
| Winnebago | 2,498 | 1,845 | 522 | 4,461 | 1,390 | | |
| Total... | 12,300 | 4,785 | 3,636 | 13,241 | 8,149 | | |
| Maj. over | | | | | | | |
| next.... | 7,510 | | | 5,093 | | | |
| Per cent... | 59.36 | 23.09 | 17.54 | | | | |
| Total v. | | 20,721 | | | | | |
| S. A. Hurlbut, Ind. Rep., had 5,591 votes in 1876. | | | | | | | |

ILLINOIS.—Representatives in Congress. (Continued.)

| | 1878. | | | 1876. | | |
|--------------------|--------|-----------|-------|-----------|-----------|--|
| | Hawk. | Hathaway. | King. | Burchard. | Pattison. | |
| 5th DIST. | R. | D. | N. G. | R. | D. | |
| Carroll.... | 1,564 | 866 | 869 | 2,254 | 1,048 | |
| Jo Davies... | 2,271 | 1,123 | 966 | 3,890 | 2,411 | |
| Ogle..... | 2,452 | 1,244 | 890 | 3,717 | 2,066 | |
| Stephens'n | 2,278 | 1,558 | 664 | 3,156 | 2,813 | |
| Whitcalde. | 2,477 | 610 | 1,923 | 2,686 | 2,309 | |
| Total... | 11,042 | 4,823 | 4,804 | 15,793 | 10,600 | |
| Maj. over next.... | 6,219 | | | 5,193 | | |
| Per cent.... | 53.42 | 23.33 | 23.94 | | | |
| Total v. | | 20,069 | | | | |

| | Hender-son. | Dunham. | Haney. | Hender-son. | Dunham. | |
|--|-------------|---------|--------|-------------|---------|--|
| 6th DIST. | R. | D. | N. G. | R. | D. | |
| Bureau... | 2,761 | 474 | 1,683 | 3,733 | 2,311 | |
| Henry.... | 2,965 | 733 | 1,846 | 4,160 | 2,036 | |
| Lee..... | 2,045 | 732 | 903 | 3,141 | 2,157 | |
| Futnam... | 436 | 124 | 270 | 639 | 462 | |
| Rock Is'd | 2,757 | 1,194 | 1,081 | 3,887 | 2,865 | |
| Total... | 10,964 | 3,257 | 6,675 | 15,560 | 9,821 | |
| Maj. over next.... | 4,289 | | | 5,739 | | |
| Per cent.... | 52.46 | 15.58 | 31.94 | | | |
| Total v. | | 20,896 | | | | |
| In 1876, Austin Sykes, Greenback, had 233 votes. | | | | | | |

| | Hayes. | Brooks. | Campbell. | Hayes. | Campbell. | |
|--------------------|--------|---------|-----------|--------|-----------|--|
| 7th DIST. | R. | D. | N. G. | R. | D. | |
| Grundy... | 1,593 | 197 | 1,151 | 1,948 | 1,275 | |
| Kendall... | 1,491 | 306 | 529 | 1,826 | 867 | |
| La Salle... | 4,149 | 2,377 | 3,068 | 6,269 | 6,534 | |
| Will..... | 3,479 | 2,915 | 1,764 | 4,806 | 4,637 | |
| Total... | 10,712 | 5,795 | 6,512 | 14,849 | 13,313 | |
| Maj. over next.... | 4,200 | | | 1,536 | | |
| Per cent.... | 46.53 | 25.17 | 28.28 | | | |
| Total v. | | 23,019 | | | | |

| | Fort. | Shaw. | Straun. | Fort. | Parker. | |
|--------------------|--------|--------|---------|--------|---------|--|
| 8th DIST. | R. | D. | N. G. | R. | D. | |
| Ford..... | 1,266 | 372 | 867 | 1,618 | 981 | |
| Iroquois... | 2,482 | 664 | 2,064 | 2,785 | 2,743 | |
| Kankakee | 1,789 | 795 | 830 | 2,612 | 1,505 | |
| Livingston | 2,763 | 548 | 2,498 | 3,538 | 3,310 | |
| Marshall... | 1,544 | 965 | 228 | 1,675 | 1,438 | |
| Woodford | 1,457 | 1,453 | 498 | 1,788 | 2,284 | |
| Total... | 11,271 | 4,822 | 6,575 | 15,001 | 12,211 | |
| Maj. over next.... | 4,696 | | | 2,800 | | |
| Per cent.... | 49.72 | 21.27 | 29.00 | | | |
| Total v. | | 22,668 | | | | |

| | Boyd. | Wilson. | McKel-ghan. | Boyd. | Wilson. | |
|--|--------|---------|-------------|--------|---------|--|
| 9th DIST. | R. | D. | N. G. | R. | D. | |
| Fulton... | 3,173 | 3,425 | 763 | 4,278 | 4,537 | |
| Knox..... | 3,194 | 1,463 | 1,089 | 5,004 | 2,716 | |
| Peoria.... | 3,179 | 4,582 | 1,446 | 3,899 | 5,906 | |
| Stark | 997 | 332 | 452 | 1,367 | 842 | |
| Total... | 10,543 | 9,802 | 3,749 | 14,548 | 14,001 | |
| Maj. over next.... | 741 | | | 547 | | |
| Per cent.... | 43.79 | 40.68 | 15.53 | | | |
| Total v. | | 24,094 | | | | |
| In 1876, W. W. Matthews, Greenback, had 678 votes. | | | | | | |

| | 1878. | | | 1876. | | |
|--------------------|--------|---------|-----------|--------|----------|--|
| | Marsh. | Phelps. | Streeter. | Marsh. | Hungate. | |
| 10th DIST. | R. | D. | N. G. | R. | D. | |
| Hancock... | 2,880 | 3,363 | 614 | 3,497 | 4,178 | |
| Henderson | 1,060 | 712 | 401 | 1,290 | 1,042 | |
| McDonough | 2,573 | 2,557 | 847 | 2,955 | 2,888 | |
| Mercer.... | 1,850 | 900 | 881 | 2,202 | 1,527 | |
| Schuyler... | 1,110 | 1,683 | 266 | 1,219 | 1,829 | |
| Warren.... | 2,322 | 2,094 | 487 | 2,789 | 2,064 | |
| Total... | 11,814 | 11,238 | 3,496 | 14,253 | 13,496 | |
| Maj. over next.... | 576 | | | 756 | | |
| Per cent.... | 44.50 | 42.33 | 13.16 | | | |
| Total v. | | 26,548 | | | | |

| In 1876, J. L. Christy, Gr., had 147 votes. | | | | | | |
|---|----------|-------------|---------|----------|--------|--|
| | Dimmett. | Single-ton. | Pogues. | Robbins. | Knapp. | |
| 11th DIST. | R. | D. | N. G. | R. | D. | |
| Adams.... | 2,740 | 4,206 | 801 | 5,137 | 6,128 | |
| Brown.... | 496 | 1,004 | 664 | 955 | 1,539 | |
| Calhoun... | 219 | 618 | 154 | 499 | 905 | |
| Greene.... | 830 | 1,690 | 216 | 1,693 | 3,154 | |
| Jersey.... | 679 | 1,738 | 293 | 1,330 | 2,159 | |
| Pike..... | 1,972 | 2,685 | 886 | 3,068 | 4,066 | |
| Total... | 6,956 | 11,961 | 3,084 | 12,622 | 17,949 | |
| Maj. over next.... | | 5,005 | | | 5,327 | |
| Per cent.... | 31.63 | 54.48 | 13.82 | | | |
| Total v. | | 21,951 | | | | |

| | Cook. | Springer. | Mather. | Phillips. | Springer. | |
|--------------------|-------|-----------|---------|-----------|-----------|--|
| 12th DIST. | R. | D. | N. G. | R. | D. | |
| Cass..... | 750 | 1,277 | 687 | 1,218 | 1,654 | |
| Christian... | 1,533 | 2,234 | 597 | 2,500 | 3,489 | |
| Menard... | 660 | 1,086 | 786 | 1,112 | 1,667 | |
| Morgan... | 2,182 | 2,666 | 1,122 | 3,065 | 3,339 | |
| Sangamon | 3,530 | 4,269 | 964 | 4,840 | 5,899 | |
| Scott..... | 487 | 1,050 | 453 | 988 | 1,352 | |
| Total... | 9,142 | 12,542 | 4,611 | 13,744 | 17,409 | |
| Maj. over next.... | | 3,400 | | | 3,656 | |
| Per cent.... | 34.76 | 47.69 | 17.53 | | | |
| Total v. | | 26,285 | | | | |

| | Tipton. | Steven-son. | | Tipton. | Steven-son. | |
|--------------------|---------|-------------|------|---------|-------------|--|
| 13th DIST. | R. | D. & G. | Pro. | R. | D. | |
| De Witt... | 1,595 | 1,727 | 50 | 1,905 | 1,912 | |
| Logan.... | 2,350 | 2,561 | 1 | 2,783 | 2,640 | |
| Mason.... | 977 | 1,762 | 11 | 1,521 | 2,072 | |
| McLean... | 4,969 | 5,008 | 37 | 6,185 | 5,106 | |
| Tazewell... | 2,147 | 2,312 | 36 | 2,835 | 3,275 | |
| Total... | 12,038 | 13,870 | 125 | 15,229 | 14,967 | |
| Maj. over next.... | | 1,812 | | 242 | | |
| Per cent.... | 46.33 | 53.21 | | | | |
| Total v. | | 26,063 | | | | |

| | Cannon. | Jones. | Harper. | Cannon. | Black. | |
|--------------------|---------|--------|---------|---------|--------|--|
| 14th DIST. | R. | D. | N. G. | R. | D. | |
| Champaign | 3,313 | 2,115 | 1,523 | 4,271 | 3,908 | |
| Coles..... | 2,242 | 2,346 | 478 | 2,898 | 2,970 | |
| Decglas... | 1,423 | 1,511 | 150 | 1,557 | 1,524 | |
| Macon.... | 2,323 | 2,026 | 934 | 3,112 | 3,005 | |
| Platt..... | 1,328 | 1,115 | 273 | 1,775 | 1,473 | |
| Vermillion | 3,054 | 2,414 | 1,091 | 4,133 | 3,474 | |
| Total... | 13,687 | 11,527 | 4,449 | 17,796 | 16,404 | |
| Maj. over next.... | 1,160 | | | 1,392 | | |
| Per cent.... | 45.14 | 39.89 | 14.09 | | | |
| Total v. | | 29,663 | | | | |

ILLINOIS.—Representatives in Congress. (Continued.)

| 18th DIST. | 1878. | | 1870. | | 18th DIST. | 1878. | | 1870. | |
|-----------------|----------|---------|----------|-----------|------------|----------|-----------|--------|-----------|
| | Forythe. | Declus. | Chaffee. | Eden. | | Thomas. | Allen. | Davis. | Wiley. |
| | G. R. | D. | R. | D. | | R. & N. | G. | R. | Hartwell. |
| Clark..... | 1,998 | 1,493 | 1,872 | 2,251 | Alexander | 1,025 | 960 | 68 | 1,203 |
| Crawford..... | 1,115 | 1,256 | 1,384 | 1,671 | Jackson.. | 1,499 | 1,549 | 676 | 2,049 |
| Cumberland..... | 1,255 | 912 | 1,151 | 1,455 | Johnson.. | 1,100 | 770 | 353 | 1,335 |
| Edgar..... | 2,509 | 2,464 | 2,745 | 2,940 | Massac... | 1,127 | 716 | 83 | 1,224 |
| Edingham..... | 895 | 1,434 | 952 | 1,490 | Perry.... | 1,301 | 1,268 | 179 | 1,521 |
| Jasper..... | 915 | 1,378 | 1,164 | 2,275 | Pope..... | 1,243 | 846 | 121 | 1,319 |
| Lawrence..... | 1,247 | 1,132 | 1,199 | 1,335 | Pulaski.. | 946 | 580 | 150 | 1,037 |
| Moultrie..... | 1,049 | 1,004 | 1,234 | 1,696 | Randolph | 2,204 | 2,170 | 211 | 2,335 |
| Shelby..... | 2,123 | 1,969 | 2,087 | 2,601 | Union.... | 837 | 1,954 | 103 | 966 |
| | | | | | Williams.. | 1,404 | 1,261 | 510 | 1,683 |
| Total..... | 13,106 | 12,942 | 13,768 | 18,714 | Total... | 12,686 | 12,074 | 2,454 | 14,671 |
| Majority..... | 164 | | | 4,940 | Maj. over | | | | |
| Per cent..... | 50.31 | 49.68 | | | next.... | 612 | | | 20 |
| Total vote... | 26,048 | | | | Per cent.. | 46.61 | 44.26 | 9.01 | |
| | | | | | Total v. | | 27,214 | | |
| 16th DIST. | Smith. | Sparks. | Creed. | Ashcraft. | | Bell. | Townsend. | Crews. | Bonham. |
| | R. | D. | N. G. | R. | | R. | D. | N. G. | R. |
| Bond..... | 1,226 | 935 | 91 | 1,548 | 1,125 | 864 | 521 | 21 | 988 |
| Clay..... | 1,245 | 1,226 | 183 | 1,439 | 1,617 | 681 | 1,006 | 350 | 637 |
| Clinton..... | 987 | 1,027 | 183 | 1,332 | 2,078 | 585 | 1,394 | 20 | 333 |
| Fayette.... | 1,590 | 1,983 | 355 | 1,872 | 2,418 | 233 | 1,113 | 786 | 301 |
| Marion..... | 1,554 | 1,673 | 607 | 2,076 | 2,576 | 244 | 562 | | 961 |
| Montgomery... | 1,553 | 2,201 | 526 | 2,565 | 3,101 | 760 | 1,306 | 698 | 971 |
| Washington.... | 1,811 | 1,768 | 84 | 1,931 | 1,676 | 1,134 | 1,476 | 1 | 1,115 |
| Total... | 9,946 | 11,493 | 2,139 | 12,703 | 14,561 | 912 | 1,108 | 356 | 769 |
| Maj. over | | 1,547 | | 1,828 | | 637 | 926 | 33 | 473 |
| next.... | | | | | | 1,168 | 1,389 | 301 | 1,545 |
| Per cent.. | 42.18 | 48.74 | 9.07 | | | 974 | 1,803 | 281 | 1,147 |
| Total v. | | 23,578 | | | | Total... | 8,190 | 12,603 | 2,847 |
| | Baker. | Morris. | Moberly. | Daker. | Morris. | | | | |
| | R. | D. | N. G. | R. | D. | | | | |
| 17th DIST. | | | | | | | | | |
| Macoupin... | 2,761 | 3,192 | 252 | 3,499 | 4,128 | | | | |
| Madison... | 3,419 | 3,492 | 584 | 4,007 | 4,698 | | | | |
| Monroe.... | 561 | 2,182 | 15 | 353 | 2,116 | | | | |
| St. Clair... | 3,864 | 3,620 | 617 | 4,567 | 6,094 | | | | |
| Total... | 10,605 | 12,486 | 1,598 | 13,029 | 17,036 | | | | |
| Maj. over | | 1,881 | | 4,007 | | | | | |
| next.... | | | | | | | | | |
| Per cent.. | 43.04 | 50.47 | 6.48 | | | | | | |
| Total v. | | 24,639 | | | | | | | |

IDAHO TERRITORY.—Delegate in Congress.

| COUNTIES—10. | 1878. | | 1876. | |
|-----------------|----------|--------|--------|-------|
| | Ainslie. | Brown. | Clark. | Fenn. |
| | R. | D. | R. | D. |
| Ada..... | 653 | 462 | 497 | 503 |
| Alturas..... | 209 | 150 | 227 | 176 |
| Bear Lake..... | 323 | | 4 | 234 |
| Boise..... | 434 | 880 | 412 | 408 |
| Idaho..... | 210 | 183 | 131 | 245 |
| Lanhi..... | 269 | 248 | 144 | 124 |
| Nez Perce..... | 312 | 306 | 115 | 176 |
| Oneida..... | 816 | 366 | 413 | 363 |
| Owyhee..... | 391 | 205 | 320 | 350 |
| Shoshone..... | 28 | 2 | 39 | 37 |
| Total..... | 3,645 | 2,294 | 2,384 | 2,071 |
| Majority..... | 1,351 | | | 390 |
| Per cent..... | 61.37 | 33.62 | 43.05 | 53.93 |
| Total vote..... | 5,939 | | 4,938 | |

NOTE.—The returns, in 1878, for five counties, Bear Lake, Nez Perce, Oneida, Owyhee, and Shoshone, were thrown out by the Territorial Canvassers as irregular. The vote as counted gave Ainslie 2,322 votes, and Brown 1,533, showing a Republican majority of 789 by the counted vote.

INDIANA.—State Ticket.

| COUNTIES 92. | Sec. of State—1878. | | | Pres't—1876. | | COUNTIES 92. | Sec. of State—1878. | | | Pres't—1876. | |
|-------------------------|---------------------|-------|-------|--------------|-------|-----------------|---------------------|---------|--------|--------------|---------|
| | Shank lin. | Moore | James | Til- den. | Hayes | | Shank lin. | Moore | James | Til- den. | Hayes |
| | D. | R. | N. | D. | R. | | D. | R. | N. | D. | R. |
| Adams... | 1,577 | 480 | 442 | 2,032 | 867 | Marion... | 9,462 | 10,641 | 2,123 | 11,386 | 12,778 |
| Allen.... | 6,534 | 2,747 | 958 | 7,732 | 4,013 | Marshall... | 2,011 | 1,511 | 1,112 | 2,767 | 2,204 |
| Barthol'w | 2,838 | 2,240 | 81 | 2,810 | 2,326 | Martin... | 1,572 | 900 | 200 | 1,569 | 1,115 |
| Benton... | 1,015 | 1,082 | 448 | 1,145 | 1,316 | Miami.... | 2,779 | 2,652 | 199 | 2,845 | 2,732 |
| Blackford | 896 | 460 | 308 | 838 | 712 | Monroe... | 1,601 | 1,560 | 288 | 1,559 | 1,667 |
| Boone.... | 2,408 | 2,473 | 909 | 2,493 | 2,663 | Mont'ry... | 3,070 | 2,956 | 598 | 3,201 | 2,969 |
| Brown... | 1,166 | 378 | 137 | 1,254 | 488 | Morgan... | 1,977 | 2,175 | 401 | 1,893 | 2,161 |
| Carroll... | 2,006 | 1,890 | 355 | 2,189 | 1,980 | Newton... | 368 | 918 | 552 | 767 | 1,137 |
| Cass..... | 2,977 | 2,857 | 621 | 3,506 | 3,040 | Noble.... | 2,486 | 20,74 | 399 | 2,665 | 2,631 |
| Clarke... | 2,869 | 2,009 | 574 | 3,369 | 2,399 | Ohio..... | 582 | 671 | 70 | 579 | 629 |
| Clay..... | 2,295 | 1,813 | 1,098 | 2,543 | 2,303 | Orange... | 1,371 | 1,229 | 264 | 1,603 | 1,269 |
| Clinton... | 2,722 | 2,020 | 314 | 2,556 | 2,236 | Owen.... | 1,848 | 1,094 | 350 | 1,914 | 1,392 |
| Crawford | 1,202 | 700 | 347 | 1,173 | 991 | Parke.... | 1,557 | 2,058 | 700 | 1,819 | 2,498 |
| Daviess... | 2,167 | 2,118 | 159 | 2,349 | 2,026 | Perry.... | 1,672 | 1,220 | 151 | 1,723 | 1,325 |
| Dearborn | 3,267 | 1,834 | 148 | 3,379 | 2,093 | Pike.... | 1,652 | 1,264 | 467 | 1,640 | 1,478 |
| Decatur... | 2,460 | 2,444 | 100 | 2,377 | 2,446 | Porter... | 1,182 | 1,621 | 775 | 1,588 | 2,081 |
| DeKalb... | 2,137 | 1,897 | 606 | 2,552 | 2,381 | Pusey.... | 2,247 | 1,694 | 45 | 2,383 | 1,685 |
| Delaware | 1,558 | 2,905 | 161 | 1,656 | 3,170 | Pulaski... | 855 | 680 | 526 | 1,138 | 872 |
| Dubois... | 2,260 | 660 | 49 | 2,332 | 701 | Putnam... | 2,632 | 2,384 | 187 | 2,761 | 2,242 |
| Elkhart... | 2,768 | 3,231 | 541 | 3,390 | 3,742 | Randolph. | 1,615 | 3,487 | 194 | 1,922 | 3,941 |
| Fayette... | 1,245 | 1,515 | 38 | 1,276 | 1,606 | Ripley.... | 2,494 | 2,150 | 65 | 2,339 | 2,126 |
| Floyd.... | 2,299 | 1,116 | 1,107 | 2,960 | 1,795 | Rush..... | 2,307 | 2,451 | 80 | 2,203 | 2,468 |
| Fountain. | 2,093 | 1,901 | 956 | 2,202 | 2,236 | Scott.... | 1,055 | 672 | 76 | 1,074 | 747 |
| Franklin. | 2,886 | 1,408 | ..... | 3,008 | 1,684 | Shelby... | 2,982 | 2,012 | 214 | 3,183 | 2,387 |
| Fulton... | 1,531 | 1,400 | 261 | 1,707 | 1,574 | Spencer... | 2,288 | 1,967 | 206 | 2,455 | 2,040 |
| Gibson... | 2,227 | 2,202 | 130 | 2,317 | 2,274 | Starke.... | 543 | 317 | 222 | 553 | 414 |
| Grant.... | 2,055 | 2,549 | 245 | 2,115 | 2,819 | St. Joseph | 3,358 | 2,913 | 523 | 1,051 | 2,593 |
| Greene... | 2,182 | 2,141 | 369 | 2,103 | 2,207 | Steuben... | 665 | 1,744 | 609 | 3,468 | 3,540 |
| Hamilton | 1,588 | 2,789 | 785 | 1,897 | 3,259 | Sullivan... | 2,339 | 1,091 | 396 | 2,884 | 1,556 |
| Hancock | 2,118 | 1,407 | 227 | 2,092 | 1,533 | Switzerd | 1,434 | 1,327 | 363 | 1,396 | 1,495 |
| Harrison. | 2,123 | 1,411 | 347 | 2,438 | 1,761 | Tippecan | 3,506 | 4,164 | 643 | 3,866 | 4,465 |
| Hendriks | 1,870 | 2,670 | 416 | 1,915 | 3,010 | Tipton... | 1,692 | 954 | 282 | 1,704 | 1,342 |
| Henry.... | 1,797 | 3,050 | 556 | 1,924 | 3,631 | Union.... | 760 | 1,113 | 111 | 792 | 1,031 |
| Howard... | 1,387 | 2,328 | 291 | 1,647 | 2,826 | Vand'rb'g | 3,747 | 4,117 | 577 | 4,125 | 4,069 |
| Hunt'ton. | 2,412 | 2,104 | 324 | 2,463 | 2,451 | Vermill'n | 958 | 1,148 | 415 | 1,114 | 1,377 |
| Jackson... | 2,583 | 873 | 967 | 2,749 | 1,640 | Vigo.... | 3,448 | 2,424 | 2,930 | 3,739 | 3,551 |
| Jasper... | 530 | 1,062 | 509 | 751 | 1,262 | Wabash... | 2,157 | 3,169 | 143 | 2,243 | 3,515 |
| Jay..... | 1,993 | 1,860 | 295 | 1,944 | 1,924 | Warren... | 667 | 1,439 | 558 | 881 | 1,689 |
| Jefferson. | 2,570 | 3,082 | 171 | 2,697 | 2,991 | Warrick... | 2,148 | 1,788 | 178 | 2,292 | 1,819 |
| Jennings. | 1,773 | 1,958 | 39 | 1,756 | 1,908 | Wash'ton | 2,045 | 1,209 | 271 | 2,335 | 1,618 |
| Johnson... | 2,245 | 1,645 | 509 | 2,363 | 1,860 | Wayne... | 2,679 | 4,625 | 609 | 3,197 | 5,593 |
| Knox..... | 2,691 | 1,816 | 169 | 3,058 | 2,288 | Wells.... | 1,956 | 770 | 650 | 2,339 | 1,502 |
| Kosci'sko | 2,427 | 2,985 | 160 | 2,703 | 3,217 | White.... | 1,190 | 1,320 | 650 | 1,450 | 1,502 |
| Lagrange. | 881 | 1,620 | 479 | 1,256 | 2,205 | Whitley.. | 1,748 | 1,256 | 514 | 2,052 | 1,661 |
| Lake.... | 1,051 | 1,645 | 82 | 1,314 | 1,826 | | | | | | |
| Laporte... | 3,476 | 2,943 | 173 | 3,699 | 3,288 | | | | | | |
| Lawrence | 1,735 | 1,816 | 207 | 1,666 | 1,934 | | | | | | |
| Madison... | 3,199 | 2,293 | 164 | 3,374 | 2,603 | | | | | | |
| Majority over next..... | | | | | | | 13,736 | | | 5,515 | |
| Total vote..... | | | | | | | 414,694 | | | 431,070 | |
| Total..... | | | | | | | 194,491 | 180,775 | 39,448 | 213,526 | 208,011 |
| Per cent.. | | | | | | | 46.89 | 43.56 | 9.51 | 49.53 | 49.37 |

In 1876, Peter Cooper, Greenback, received 9,533 votes for President. The vote for Governor in 1876 was: Williams, Democrat, 213,164; Harrison, Republican, 208,080; Harrington, Greenback, 13,213. Total, 431,457.

The Legislature of 1879-80 stands: Democrats, 77; Republicans, 62; National Greenback party, 9; Independents, 2. Total, 150.

INDIANA.—Representatives in Congress.

| 1878. | | | | | 1876. | | | | | 1878. | | | | | 1876. | | | | |
|-----------------------|---------------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|-----------------|-----------------------------|------------------|----------------------|----------------------|------------------|------------------|-----------------|------------------|--|--|--|--|
| 1st Dist. | Hellman. R. | Garvin. D. | De Bruiler. Gr. | De Bruiler. R. | Ful- ler. D. | 5th Dist. | Browne. R. | Holman. D. | Jeffries. Gr. | Browne. R. | Holman. D. | Jeffries. Gr. | Browne. R. | Holman. D. | Jeffries. Gr. | | | | |
| Gibson... | 2,226 | 2,167 | 100 | 2,262 | 2,276 | Dearborn... | 1,794 | 3,398 | 92 | 2,059 | 3,504 | | | | | | | | |
| Perry | 1,432 | 1,417 | 194 | 1,324 | 1,714 | Fayette... | 1,499 | 1,271 | 25 | 1,587 | 1,312 | | | | | | | | |
| Posey | 1,818 | 2,099 | 63 | 1,735 | 2,353 | Franklin... | 1,404 | 2,901 | 1 | 1,559 | 3,015 | | | | | | | | |
| Spencer... | 1,954 | 2,147 | 345 | 2,102 | 2,375 | Randolph... | 3,548 | 1,608 | 153 | 3,876 | 2,002 | | | | | | | | |
| Vand'rb'rg | 4,677 | 3,258 | 548 | 3,924 | 3,788 | Union.... | 1,026 | 775 | 87 | 1,035 | 809 | | | | | | | | |
| Warrick.. | 1,821 | 2,011 | 285 | 1,811 | 2,222 | Wayne.... | 4,505 | 2,983 | 438 | 5,462 | 3,427 | | | | | | | | |
| Total... | 13,928 | 13,099 | 1,505 | 13,153 | 14,727 | Total... | 13,776 | 12,936 | 796 | 15,598 | 14,069 | | | | | | | | |
| Maj. over next.... | 829 | | | | 1,569 | Maj. over next.... | 840 | | | 1,509 | | | | | | | | | |
| Per cent.. | 48.66 | 45.76 | 5.57 | 45.17 | 50.56 | Per cent.. | 50.08 | 47.02 | 2.89 | 52.57 | 47.42 | | | | | | | | |
| Total v. | | 28,622 | | | 29,125 | Total v. | | 27,503 | | 29,667 | | | | | | | | | |
| 2d Dist. | Well- man. R. | Cobb. D. | Green. Gr. | Love- less. R. | Cobb. D. | 6th Dist. | Grose. R. | Myers. D. | Riley. Gr. | Robin- son. R. | Cham- bers. D. | | | | | | | | |
| Crawford. | 818 | 1,229 | | 1,055 | 1,232 | Delaware... | 2,817 | 1,648 | 120 | 2,994 | 1,853 | | | | | | | | |
| Davies... | 2,123 | 2,157 | 164 | 2,073 | 2,437 | Grant | 2,524 | 2,101 | 246 | 2,661 | 2,160 | | | | | | | | |
| Dubois... | 761 | 2,117 | 32 | 512 | 2,355 | Hancock... | 1,370 | 2,125 | 255 | 1,546 | 2,165 | | | | | | | | |
| Greene... | 2,146 | 2,184 | 370 | 2,213 | 2,068 | Henry.... | 2,898 | 1,872 | 538 | 3,525 | 2,020 | | | | | | | | |
| Knox | 1,749 | 2,732 | 157 | 2,379 | 3,144 | Johnson... | 1,643 | 2,245 | 509 | 1,802 | 2,319 | | | | | | | | |
| Martin... | 875 | 1,552 | 223 | 1,155 | 1,604 | Madison... | 2,280 | 3,205 | 163 | 2,523 | 3,418 | | | | | | | | |
| Orange... | 1,219 | 1,877 | 269 | 1,371 | 1,610 | Shelby... | 2,016 | 2,971 | 213 | 2,352 | 3,183 | | | | | | | | |
| Pike..... | 1,260 | 1,651 | 478 | 1,405 | 1,577 | Total... | 15,548 | 16,167 | 2,043 | 17,403 | 17,127 | | | | | | | | |
| Sullivan.. | 1,061 | 2,318 | 417 | 1,562 | 2,876 | Maj. over next.... | 619 | | | 476 | | | | | | | | | |
| Total... | 12,032 | 17,217 | 2,103 | 13,735 | 18,888 | Per cent.. | 45.05 | 47.89 | 6.05 | 49.23 | 49.45 | | | | | | | | |
| Maj. over next.... | | 5,285 | | | 5,153 | Total v. | | 33,738 | | 35,346 | | | | | | | | | |
| Per cent.. | 38.25 | 55.05 | 6.68 | 40.91 | 56.26 | | | | | | | | | | | | | | |
| Total v. | | 31,452 | | | 33,567 | | | | | | | | | | | | | | |
| 3d Dist. | Long. R. | Bick- nell. D. | Willy. Gr. | New- some. R. | Bick- nell. D. | 7th Dist. | Hanna. R. | De La Matyr. Gr. & D. | Hanna. R. | Lan- ders. D. | | | | | | | | | |
| Barth'l... | 1,976 | 2,324 | 58 | 2,267 | 2,801 | Hendricks | 2,629 | 2,307 | 2,795 | 1,926 | | | | | | | | | |
| Brown... | 291 | 1,202 | | 487 | 1,229 | Marion..... | 10,724 | 11,224 | 12,010 | 11,498 | | | | | | | | | |
| Clarke... | 1,009 | 2,204 | 742 | 2,404 | 3,270 | Morgan..... | 2,169 | 2,372 | 2,032 | 1,976 | | | | | | | | | |
| Floyd.... | 1,818 | 2,090 | 512 | 1,715 | 2,430 | Putnam..... | 2,359 | 2,817 | 2,197 | 2,836 | | | | | | | | | |
| Harrison. | 1,481 | 2,108 | | 1,710 | 2,434 | Total..... | 17,881 | 18,720 | 19,634 | 18,223 | | | | | | | | | |
| Jackson.. | 1,702 | 2,612 | 40 | 1,529 | 2,714 | Maj. over next.. | | 839 | 1,396 | | | | | | | | | | |
| Washingt'n | 1,092 | 2,036 | 236 | 1,635 | 2,347 | Per cent..... | 48.85 | 51.14 | 49.75 | 46.20 | | | | | | | | | |
| Total... | 9,369 | 15,074 | 1,588 | 11,576 | 17,225 | Total vote..... | | 36,601 | 39,465 | | | | | | | | | | |
| Maj. over next.... | | 5,705 | | | 5,460 | Hunter. | | | | | | | | | | | | | |
| Per cent.. | 35.99 | 57.90 | 6.10 | 38.80 | 57.73 | | | | | | | | | | | | | | |
| Total v. | | 26,021 | | | 29,835 | | | | | | | | | | | | | | |
| 4th Dist. | Sexton. R. | New. D. | Gregg. Gr. | Sexton. R. | Woolen. D. | 8th Dist. | R. Clay..... | D. Lawrence. | Gr. Monroe... | R. Owen.... | D. Owen.... | Gr. Parke.... | R. Vermillion | D. Vigo..... | 9th Dist. | | | | |
| Decatur.. | 2,422 | 2,543 | | 2,455 | 2,418 | | 1,859 | 2,281 | 1,101 | 2,340 | 2,429 | | | | | | | | |
| Jefferson. | 3,110 | 2,624 | 46 | 3,051 | 2,787 | Lawrence. | 1,781 | 1,754 | 213 | 1,906 | 1,632 | | | | | | | | |
| Jennings. | 1,854 | 1,848 | 28 | 1,965 | 1,799 | Monroe... | 1,573 | 1,655 | 316 | 1,694 | 1,513 | | | | | | | | |
| Ohio..... | 682 | 602 | | 602 | 500 | Owen.... | 1,099 | 1,662 | 343 | 1,397 | 1,854 | | | | | | | | |
| Ripley... | 2,147 | 2,538 | | 2,139 | 2,373 | Parke.... | 2,085 | 1,584 | 695 | 2,430 | 1,727 | | | | | | | | |
| Rush.... | 2,402 | 2,317 | 58 | 2,450 | 2,171 | Vermillion | 1,106 | 918 | 490 | 1,288 | 857 | | | | | | | | |
| Scott..... | 676 | 1,061 | 67 | 766 | 1,063 | Vigo..... | 2,621 | 3,260 | 3,771 | 3,210 | 3,143 | | | | | | | | |
| Switzerl'd | 1,332 | 1,618 | | 1,453 | 1,899 | Total... | 12,124 | 13,164 | 4,920 | 14,265 | 13,165 | | | | | | | | |
| Total... | 14,655 | 15,146 | 199 | 14,920 | 14,570 | Maj. over next.... | | 1,040 | | 1,100 | | | | | | | | | |
| Maj. over next.... | | 491 | | | 332 | Per cent.. | 40.10 | 48.55 | 16.36 | 44.89 | 40.93 | | | | | | | | |
| Per cent.. | 48.83 | 50.48 | .66 | 49.95 | 48.78 | Total v. | | 80,227 | | 82,134 | | | | | | | | | |
| Total v. | | 30,000 | | | 29,868 | | | | | | | | | | | | | | |
| 5th Dist. | R. Benton... | D. Boone.... | Gr. Monroe... | R. Fountain. | D. Montgom'y | 10th Dist. | R. Benton... | D. Boone.... | Gr. Monroe... | R. Fountain. | D. Montgom'y | 11th Dist. | R. Benton... | D. Boone.... | Gr. Monroe... | | | | |
| Benton... | 993 | 977 | 563 | 1,208 | 1,015 | | 993 | 977 | 563 | 1,208 | 1,015 | | | | | | | | |
| Boone.... | 2,413 | 2,428 | 919 | 2,611 | 1,823 | | 2,413 | 2,428 | 919 | 2,611 | 1,823 | | | | | | | | |
| Monroe... | 1,948 | 2,733 | 347 | 2,291 | 1,609 | | 1,948 | 2,733 | 347 | 2,291 | 1,609 | | | | | | | | |
| Fountain. | 1,833 | 2,087 | 991 | 2,040 | 1,019 | | 1,833 | 2,087 | 991 | 2,040 | 1,019 | | | | | | | | |
| Montgom'y | 2,806 | 3,068 | 669 | 3,019 | 3,019 | | 2,806 | 3,068 | 669 | 3,019 | 3,019 | | | | | | | | |
| Tippecanoe | 4,211 | 3,500 | 560 | 4,195 | 3,948 | | 4,211 | 3,500 | 560 | 4,195 | 3,948 | | | | | | | | |
| Warren .. | 1,402 | 717 | 523 | 1,636 | 631 | | 1,402 | 717 | 523 | 1,636 | 631 | | | | | | | | |
| Total... | 15,608 | 15,510 | 4,571 | 16,990 | 15,580 | | 15,608 | 15,510 | 4,571 | 16,990 | 15,580 | | | | | | | | |
| Maj. over next.... | 98 | | | 1,410 | | | 98 | | | 1,410 | | | | | | | | | |
| Per cent.. | 43.73 | 43.45 | 12.80 | 47.30 | 43.37 | | 43.73 | 43.45 | 12.80 | 47.30 | 43.37 | | | | | | | | |
| Total v. | | 57,630 | | 37,010 | | | | | | | | | | | | | | | |

INDIANA.—Representatives in Congress. (Continued.)

| 1878. | | | | | 1876. | | | | |
|-------------------------|--------|--------|-------|--|--|--------|--|--|--|
| Calkins. Weir. Skinner. | | | | | Calkins. Haym'd | | | | |
| R. D. Gr. | | | | | R. D. Gr. | | | | |
| 10th Dist. | | | | | | | | | |
| Carroll... | 1,829 | 2,012 | 344 | | 2,066 | 2,251 | | | |
| Jasper... | 1,060 | 551 | 498 | | 1,201 | 860 | | | |
| Lake... | 1,619 | 974 | 146 | | 1,990 | 1,158 | | | |
| Laporte... | 3,218 | 3,101 | 234 | | 3,489 | 3,600 | | | |
| Newton... | 929 | 424 | 465 | | 1,079 | 830 | | | |
| Porter... | 1,351 | 493 | 1,704 | | 2,045 | 1,647 | | | |
| Pulaski... | 711 | 816 | 527 | | 923 | 1,219 | | | |
| St. Joseph | 2,065 | 3,271 | 521 | | 3,543 | 3,534 | | | |
| Starke... | 321 | 534 | 220 | | | [111 | | | |
| | | | | | | maj.] | | | |
| White... | 1,333 | 1,222 | 568 | | 1,616 | 1,594 | | | |
| Total... | 15,366 | 13,398 | 5,252 | | | | | | |
| Maj. over next... | 1,968 | | | | 1,148 | | | | |
| Per cent... | 45.17 | 39.88 | 15.43 | | | | | | |
| Total v. | | 34,016 | | | | | | | |
| 11th Dist. | | | | | Cowgill. Dyke. Moss. Evans. Armstrong. | | | | |
| R. D. Gr. | | | | | R. D. Gr. | | | | |
| Cass... | 2,664 | 2,639 | 1,093 | | 3,049 | 3,576 | | | |
| Fulton... | 1,361 | 1,389 | 431 | | 1,579 | 1,727 | | | |
| Hamilton... | 2,750 | 1,263 | 1,077 | | 3,114 | 2,064 | | | |
| Howard... | 2,278 | 1,283 | 434 | | 2,687 | 1,923 | | | |
| Miami... | 2,640 | 2,746 | 226 | | 2,687 | 3,005 | | | |
| Tipton... | 884 | 1,600 | 427 | | 1,415 | 1,879 | | | |
| Wabash... | 2,970 | 2,182 | 178 | | 3,499 | 2,308 | | | |
| Total... | 15,547 | 13,102 | 4,266 | | 17,930 | 16,482 | | | |
| Maj. over next... | 1,445 | | | | 1,448 | | | | |
| Per cent... | 47.23 | 39.80 | 12.96 | | 52.10 | 47.89 | | | |
| Total v. | | 32,915 | | | 34,412 | | | | |

N. B.—No Republican candidate was nominated in 1878 in the 12th District.

| 12th Dist. | | | | | Baker. Stoll. Williams. Baker. Kelley. | | | | |
|-------------------|--------|-------|--------|--------|--|--|--|--|--|
| R. D. Gr. | | | | | R. D. Gr. | | | | |
| Adams..... | 1,585 | 856 | 792 | 1,637 | | | | | |
| Allen..... | 6,676 | 2,838 | 3,973 | 7,681 | | | | | |
| Blackford..... | 893 | 741 | 595 | 823 | | | | | |
| Huntington..... | 2,405 | 1,261 | 2,420 | 2,493 | | | | | |
| Jay..... | 1,974 | 752 | 1,829 | 1,817 | | | | | |
| Wells..... | 1,829 | 1,497 | 1,449 | 2,303 | | | | | |
| Whitney..... | 1,705 | 1,767 | 1,660 | 2,066 | | | | | |
| Total... | 17,007 | 9,712 | 12,777 | 19,142 | | | | | |
| Maj. over next... | 7,355 | | | 6,365 | | | | | |
| Per cent... | 63.73 | 36.26 | 38.86 | 58.72 | | | | | |
| Total vote... | 26,779 | | 32,594 | | | | | | |

STATE OF IOWA.—Representatives in Congress, 1878.

| 1st District. | | | | | 3d District. | | | | |
|-------------------------|---------|-------------|--------|--|---|---------|--------------|--------|--|
| McCoid. Hobbs. Bereman. | | | | | Allamakee. Buchanan. Clayton. Delaware. Dubuque. Fayette. Winneshiek. | | | | |
| R. D. G. | | | | | R. D. G. | | | | |
| Des Moines..... | 2,345 | 1,448 | 640 | | 1,595 | 1,612 | 316 | | |
| Henry..... | 1,786 | 717 | 1,086 | | 1,528 | 806 | 1,090 | | |
| Jefferson..... | 1,671 | 645 | 840 | | 2,507 | 1,700 | 669 | | |
| Lee..... | 2,170 | 2,369 | 1,054 | | 1,644 | 1,308 | 208 | | |
| Louisa..... | 1,345 | 478 | 499 | | 1,757 | 3,500 | 991 | | |
| Van Buren... | 1,552 | 1,287 | 562 | | 1,820 | 883 | 1,653 | | |
| Washington... | 1,836 | 1,001 | 824 | | 1,872 | 1,077 | 479 | | |
| Total..... | 12,705 | 7,945 | 5,505 | | 12,723 | 10,886 | 5,400 | | |
| Plurality..... | 4,760 | | | | 1,837 | | | | |
| Per cent. of whole. | 48.57 | 30.33 | 21.04 | | 48.84 | 37.51 | 18.97 | | |
| Total vote... | 26,155 | | | | 29,015 | | | | |
| 1876..Stone (R.) | 17,188. | Hobbs (D.) | 14,014 | | 1876..Burdick (R.) | 17,423. | Griffin (D.) | 16,100 | |
| 2d District. | | | | | 4th District. | | | | |
| Price. Brannan. Gelger. | | | | | Deering. Allen. Weller. | | | | |
| R. D. G. | | | | | R. D. G. | | | | |
| Cedar..... | 1,961 | 713 | 773 | | 2,182 | 1,162 | 219 | | |
| Clinton..... | 2,698 | 2,434 | 757 | | 1,225 | 393 | 808 | | |
| Jackson..... | 1,624 | 1,826 | 611 | | 1,405 | 726 | 228 | | |
| Jones..... | 2,138 | 1,054 | 409 | | 1,132 | 409 | 169 | | |
| Muscataine... | 1,896 | 1,363 | 941 | | 1,189 | 703 | 743 | | |
| Scott..... | 3,000 | 2,119 | 469 | | 1,617 | 315 | 502 | | |
| Total..... | 13,337 | 9,509 | 3,960 | | 1,101 | 74 | 554 | | |
| Plurality..... | 3,828 | | | | 1,145 | 484 | 147 | | |
| Per cent. of whole. | 49.75 | 35.47 | 14.77 | | 1,145 | 86 | 97 | | |
| Total vote... | 26,806 | | | | 1,654 | 598 | 440 | | |
| 1876..Price (R.) | 16,439. | Murphy (D.) | 14,083 | | 940 | 1 | 1,012 | | |
| In 4th District : | | | | | 1,573 | 117 | 557 | | |
| 1875..Deering (R.) | | | | | 456 | 2 | 97 | | |
| 20,770. Foreman (D.) | | | | | 622 | 137 | 50 | | |
| 9,379 | | | | | 613 | 86 | 119 | | |
| | | | | | Total..... | 17,194 | 5,298 | 5,742 | |
| | | | | | Majority over all. | 6,099 | | | |
| | | | | | Per cent. of whole. | 60.82 | 18.70 | 23.38 | |
| | | | | | Total vote... | 28,169 | | | |

[illegible]

The Legislature of 1878-79 stands : Rep., 109 ; Dem , 38 ; Gr., 3. Total, 150.

STATE OF KANSAS.—State Ticket.

| COUNTIES—76. | GOVERNOR. 1878. | | | LIEUT.-GOV. 1877. | | | PRESIDENT. 1876. | | |
|---------------|-----------------|---------------|----------------|-------------------|------------------|------------|------------------|--------------|-------------|
| | St. John. Rep. | Good-in. Dem. | Mitch-ell. Gr. | Humph-rey. Rep. | Watter-son. Dem. | Hadley Gr. | Hayes. Rep. | Tilden. Dem. | Cooper. Gr. |
| Allen..... | 944 | 648 | 173 | 843 | ..... | ..... | 1,040 | 882 | 140 |
| Anderson..... | 698 | 222 | 516 | 729 | 235 | 211 | 760 | 245 | 224 |
| Atchison..... | 1,870 | 1,559 | 87 | 1,484 | 1,139 | ..... | 1,863 | 1,512 | 2 |
| Barbour..... | 171 | 133 | 11 | 80 | 56 | ..... | 73 | 97 | ..... |
| Barton..... | 1,067 | 801 | 77 | 673 | ..... | ..... | 604 | 289 | 43 |
| Bourbon..... | 1,687 | 800 | 944 | 1,321 | 224 | 1,005 | 1,966 | 817 | 690 |
| Brown..... | 1,127 | 492 | 410 | 1,001 | 447 | 143 | 1,255 | 593 | 230 |
| Butler..... | 1,506 | 653 | 459 | 1,614 | 57 | ..... | 1,563 | 712 | ..... |
| Chase..... | 473 | 246 | 240 | 471 | 179 | 147 | 593 | 586 | 252 |

STATE OF KANSAS.—State Ticket. (Continued.)

| COUNTIES—76. | GOVERNOR. 1878. | | | LEUT.-GOV. 1877. | | | PRESIDENT. 1876. | | |
|---------------------|-----------------|---------------|----------------|------------------|------------------|-------------|------------------|--------------|-------------|
| | St. John. Rep. | Good-in. Dem. | Mitch-ell. Gr. | Humph-ry. Rep. | Watter-son. Dem. | Hadley. Gr. | Hayes. Rep. | Tilden. Dem. | Cooper. Gr. |
| Chautauqua..... | 866 | 213 | 819 | 884 | 6 | 648 | 1,046 | 214 | 40 |
| Cherokee..... | 1,803 | 1,216 | 962 | 1,183 | 1,267 | 356 | 1,339 | 1,043 | 221 |
| Clay..... | 1,180 | 279 | 147 | 1,088 | 24 | 135 | 1,184 | 266 | ..... |
| Cloud..... | 1,164 | 427 | 167 | 1,067 | 6 | ..... | 1,184 | 489 | 7 |
| Coffey..... | 800 | 898 | 424 | 675 | 331 | 381 | 945 | 550 | 69 |
| Cowley..... | 1,545 | 631 | 718 | 1,432 | 728 | 3 | 1,669 | 955 | 5 |
| Crawford..... | 1,190 | 1,012 | 589 | 1,041 | 789 | 226 | 1,269 | 874 | 257 |
| Davis..... | 477 | 402 | 148 | 306 | 146 | 383 | 472 | 321 | 146 |
| Dickinson..... | 1,464 | 564 | 141 | 1,226 | 403 | ..... | 1,842 | 469 | 50 |
| Doniphan..... | 1,493 | 875 | 409 | 1,518 | 857 | 45 | 1,644 | 1,024 | 1,015 |
| Douglas..... | 1,907 | 1,075 | 805 | 1,159 | 299 | 1,417 | 2,322 | 934 | 494 |
| Edwards..... | 413 | 99 | 33 | 212 | 26 | ..... | 183 | 155 | ..... |
| Elk..... | 686 | 56 | 695 | 1,033 | 19 | 5 | 1,006 | 428 | 39 |
| Ellis..... | 668 | 274 | 25 | 315 | 216 | ..... | 210 | 142 | ..... |
| Ellsworth..... | 664 | 311 | 4 | 539 | 12 | 12 | 418 | 181 | ..... |
| Ford..... | 247 | 309 | 87 | 185 | 145 | ..... | 132 | 180 | ..... |
| Franklin..... | 1,257 | 446 | 338 | 1,203 | 330 | 408 | 1,499 | 513 | 419 |
| Greenwood..... | 836 | 315 | 447 | 757 | 438 | ..... | 977 | 471 | 1 |
| Harper..... | 251 | 77 | 37 | ..... | ..... | ..... | ..... | ..... | ..... |
| Harvey..... | 907 | 295 | 260 | 833 | 299 | 10 | 1,006 | 351 | ..... |
| Jackson..... | 927 | 578 | 109 | 795 | 573 | ..... | 885 | 592 | 9 |
| Jefferson..... | 1,383 | 1,025 | 804 | 1,251 | 1,167 | ..... | 1,395 | 864 | 213 |
| Jewell..... | 1,219 | 800 | 429 | 799 | 9 | ..... | 1,281 | 448 | 130 |
| Johnson..... | 1,445 | 710 | 1,001 | 767 | 424 | 972 | 1,068 | 759 | 615 |
| Kingman..... | 211 | 43 | 66 | ..... | ..... | ..... | 17 | 3 | ..... |
| Labette..... | 1,594 | 868 | 804 | 1,554 | 215 | 848 | 2,092 | 1,373 | 8 |
| Leavenworth..... | 2,111 | 2,485 | 258 | 2,153 | 2,327 | 23 | 1,821 | 2,504 | 56 |
| Lincoln..... | 699 | 251 | 99 | 408 | 165 | ..... | 479 | 261 | ..... |
| Linn..... | 1,303 | 264 | 1,198 | 1,110 | 79 | 80 | 1,647 | 545 | 221 |
| Lyon..... | 1,333 | 388 | 801 | 1,494 | 313 | 191 | 1,579 | 430 | 67 |
| Marion..... | 926 | 233 | 415 | 752 | 154 | 262 | 860 | 369 | 24 |
| Marshall..... | 1,455 | 653 | 539 | 690 | 1,406 | 74 | 1,604 | 789 | 172 |
| McPherson..... | 931 | 126 | 606 | 807 | 261 | ..... | 1,394 | 334 | ..... |
| Miami..... | 1,373 | 897 | 666 | 1,126 | 512 | 482 | 1,578 | 833 | 334 |
| Mitchell..... | 1,052 | 538 | 1 | 651 | ..... | ..... | 1,010 | 335 | ..... |
| Montgomery..... | 1,287 | 1,054 | 999 | 1,529 | 1,251 | 145 | 1,824 | 1,177 | 353 |
| Morris..... | 690 | 276 | 236 | 926 | 22 | ..... | 707 | 370 | 24 |
| Nemaha..... | 964 | 710 | 61 | 906 | 712 | ..... | 1,136 | 638 | 12 |
| Neosho..... | 1,014 | 857 | 601 | 1,069 | 865 | 4 | 1,370 | 955 | 168 |
| Norton..... | 823 | 115 | ..... | 178 | ..... | ..... | 194 | 48 | 3 |
| Osage..... | 1,358 | 353 | 1,050 | 1,655 | 5 | 238 | 1,064 | 520 | 291 |
| Osborne..... | 1,090 | 68 | 85 | 608 | ..... | ..... | 661 | 283 | 1 |
| Ottawa..... | 655 | 189 | 415 | 549 | 4 | ..... | 837 | 246 | 11 |
| Pawnee..... | 647 | 196 | 133 | 563 | 82 | 2 | 309 | 119 | 0 |
| Phillips..... | 558 | 283 | 121 | 359 | ..... | ..... | 479 | 197 | ..... |
| Pottawatomie..... | 1,181 | 843 | 446 | 1,065 | 619 | 48 | 1,335 | 720 | 73 |
| Reno..... | 1,477 | 462 | 149 | 1,057 | 7 | 9 | 1,117 | 343 | ..... |
| Republic..... | 1,150 | 95 | 163 | 1,342 | 22 | ..... | 1,390 | 408 | 11 |
| Rice..... | 755 | 328 | 141 | 568 | 196 | ..... | 595 | 114 | 41 |
| Riley..... | 945 | 210 | 408 | 414 | 111 | 6 | 1,133 | 223 | 65 |
| Rooks..... | 297 | 74 | 78 | 170 | ..... | ..... | 116 | 49 | 7 |
| Rush..... | 564 | 143 | 37 | 170 | 31 | ..... | 141 | 10 | ..... |
| Russell..... | 566 | 95 | 258 | 243 | 14 | 247 | 328 | 75 | ..... |
| Saline..... | 1,429 | 651 | 171 | 1,297 | 269 | ..... | 1,314 | 370 | 29 |
| Sedgewick..... | 1,572 | 1,137 | 354 | 1,456 | 738 | ..... | 1,774 | 975 | 4 |
| Shawnee..... | 2,340 | 853 | 455 | 1,549 | 480 | 126 | 2,549 | 1,044 | 29 |
| Smith..... | 651 | 171 | 439 | 596 | 62 | ..... | 731 | 276 | 27 |
| Sumner..... | 1,048 | 735 | 677 | 1,027 | 673 | 80 | 1,009 | 766 | 27 |
| Wabauusee..... | 640 | 424 | 93 | 6 | 10 | ..... | 728 | 274 | 5 |
| Washington..... | 1,201 | 659 | 156 | 1,011 | 496 | ..... | 1,194 | 497 | 33 |
| Wilson..... | 1,145 | 442 | 683 | 1,116 | 619 | 5 | 1,492 | 765 | 40 |
| Woodson..... | 644 | 320 | 119 | 783 | 90 | 15 | 673 | 306 | ..... |
| Wyandotte..... | 1,086 | 1,178 | 481 | 1,115 | 978 | 193 | 1,260 | 933 | 243 |
| Total..... | 74,020 | 37,208 | 27,057 | 62,570 | 24,740 | 9,590 | 78,322 | 37,002 | 7,770 |
| Per cent..... | 53.52 | 26.90 | 19.57 | 63.88 | 25.26 | 9.79 | 63.16 | 30.63 | 6.21 |
| Maj. over next..... | 36,812 | ..... | ..... | 37,830 | ..... | ..... | 40,120 | ..... | ..... |
| Maj. over all..... | 9,744 | ..... | ..... | 27,261 | ..... | ..... | 82,517 | ..... | ..... |
| Total vote..... | ..... | 138,285 | ..... | ..... | 97,939 | ..... | ..... | 123,904 | ..... |

KANSAS.—Representatives in Congress.

| | 1878. | | | 1876. | | |
|--|-----------------|----------------|---------------|-----------------|-----------------|--|
| | Anderson. R. | McClure. D. | Gale. G. | Phillips. R. | Fenton. D. | |
| 1st Dist. | | | | | | |
| Atchison.. | 1,927 | 1,537 | 9 | 1,789 | 1,557 | |
| Brown... | 1,139 | 489 | 398 | 1,233 | 731 | |
| Cloud.... | 1,141 | 281 | 171 | 1,058 | 500 | |
| Clay..... | 1,168 | 441 | 151 | 1,068 | 286 | |
| Davis..... | 452 | 494 | 80 | 600 | 347 | |
| Dickinson | 1,488 | 554 | 129 | 1,352 | 504 | |
| Doniphan | 1,529 | 861 | 385 | 1,722 | 1,048 | |
| Ellis..... | 655 | 295 | 18 | 206 | 149 | |
| Ellsworth | 725 | 249 | 4 | 389 | 208 | |
| Jewell.... | 984 | 557 | 70 | 1,373 | 453 | |
| Jackson... | 1,409 | 1,093 | 200 | 861 | 596 | |
| Jefferson. | 1,169 | 307 | 441 | 1,514 | 927 | |
| Leavenworth.. | 2,298 | 2,327 | 228 | 2,556 | 2,783 | |
| Lincoln... | 709 | 257 | 85 | 467 | 239 | |
| Marshall.. | 1,533 | 574 | 537 | 1,720 | 634 | |
| Mitchell.. | 1,449 | 550 | .... | 999 | 399 | |
| Nemaha.... | 1,007 | 676 | 51 | 1,110 | 656 | |
| Norton.... | 327 | 114 | .... | 195 | 46 | |
| Osborne... | 1,113 | 54 | .... | 637 | 186 | |
| Ottawa.... | 653 | 195 | 446 | 803 | 275 | |
| Phillips... | 564 | 275 | 117 | 455 | 204 | |
| Pottawatomie.... | 1,172 | 831 | 457 | 1,386 | 721 | |
| Republic.. | 1,104 | 95 | 210 | 1,393 | 422 | |
| Riley..... | 873 | 246 | 416 | 940 | 339 | |
| Rooks.... | 297 | 90 | 72 | 90 | 67 | |
| Russell... | 584 | 90 | 246 | 254 | 98 | |
| Saline.... | 1,493 | 586 | 170 | 1,349 | 410 | |
| Smith..... | 653 | 155 | 454 | 684 | 304 | |
| Washing- ton..... | 1,242 | 616 | 156 | 1,188 | 548 | |
| Total... | 30,457 | 14,919 | 5,716 | 20,352 | 15,642 | |
| Maj. over next.... | 15,538 | | | 13,415 | | |
| Per cent.. | 57.61 | 29.20 | 11.20 | | | |
| Total v. | 51,092 | | | 44,994 | | |
| In 1876, Richard Wake received 201 votes, and J. Weisbach (Greenback), 85. | | | | | | |
| | 1878. | | | 1876. | | |
| | Ryan. R. | Fugate. D. | Doster. G. | Ryan. R. | Crawford. D. | |
| 3d Dist. | | | | | | |
| Barbour.. | 173 | 127 | 15 | 75 | 85 | |
| Barton... | 1,062 | 777 | 90 | 582 | 351 | |
| Butler.... | 1,488 | 108 | 1,012 | 1,562 | 712 | |
| Chatauqua | 489 | 230 | 241 | 1,050 | 775 | |
| Chase..... | 882 | 165 | 855 | 598 | 246 | |
| Coffey.... | 823 | 394 | 413 | 948 | 616 | |
| Cowley.... | 1,549 | 545 | 797 | 1,655 | 970 | |
| Edwards... | 298 | 46 | 202 | 184 | 147 | |
| Elk..... | 696 | .... | 736 | 944 | 460 | |
| Ford..... | 260 | 287 | .... | 131 | 174 | |
| Greenwood | 813 | 286 | 433 | 960 | 484 | |
| Harvey.... | 229 | 72 | 42 | 1,003 | 354 | |
| Kingman.. | 920 | 254 | 293 | 6 | .... |  |
| Lyon..... | 218 | 37 | 65 | 1,477 | 565 | |
| Marion.... | 1,395 | 348 | 775 | 857 | 396 | |
| McPherson | 945 | 57 | 664 | 1,885 | 343 | |
| Morris.... | 803 | 179 | 595 | 897 | 190 | |
| Osage..... | 722 | 229 | 254 | 1,974 | 803 | |
| Pawnee... | 1,378 | 292 | 1,076 | 369 | 46 | |
| Reno..... | 613 | 171 | 162 | 1,005 | 356 | |
| Rush..... | 1,404 | 166 | 403 | 135 | 1 | |
| Rice..... | 734 | 314 | 178 | 597 | 184 | |
| Sedgwick. | 576 | 126 | 42 | 1,783 | 965 | |
| Shawnee.. | 1,643 | 871 | 391 | 2,594 | 1,000 | |
| Sumner... | 2,447 | 788 | 413 | 1,011 | 790 | |
| Wabau- see..... | 1,080 | 690 | 692 | 725 | 284 | |
| Woodson.. | 678 | 298 | 107 | 665 | 311 | |
| Total.. | 25,228 | 8,109 | 11,055 | 25,171 | 11,634 | |
| Maj. over next.... | 14,173 | | | 13,475 | | |
| Per cent.. | 56.82 | 18.26 | 24.93 | | | |
| Total v. | 44,392 | | | 36,805 | | |
| In 1876, there were 628 scattering votes. | | | | | | |
| In 1878, Hallowell (Republican) received 73,978 votes as member of Congress at large, and Crawford (Ind. Rep. and Greenback), 60,158 votes to the same office, contingent upon the claim of Kansas to a fourth Representative in Congress being allowed. | | | | | | |
| NOTE.—No returns were received from the Counties of Comanche, Ness, Wallace, and Pratt, which added to the 72 counties above given make 76 counties in the State. | | | | | | |
| The Legislature of 1879-80 stands: Republicans, 124; Democrats, 27; National or Greenback party, 18. Total, 169. | | | | | | |
| | 1878. | | | 1876. | | |
| | Haskell. R. | Blair. D. | Elder. G. | Haskell. R. | Goodin. D. | |
| 2d Dist. | | | | | | |
| Allen..... | 1,030 | 551 | 173 | 890 | 667 | |
| Anderson. | 612 | 248 | 504 | 707 | 518 | |
| Bourbon.. | 1,512 | 1,226 | 676 | 1,884 | 1,581 | |
| Cherokee. | 1,255 | 1,546 | 668 | 1,297 | 1,279 | |
| Crawford. | 1,179 | 1,129 | 483 | 1,220 | 1,171 | |
| Douglas.. | 1,937 | 1,269 | 571 | 2,178 | 1,518 | |
| Franklin. | 1,090 | 439 | 1,103 | 1,465 | 962 | |
| Johnson.. | 1,511 | 892 | 794 | 1,601 | 1,462 | |
| Labette... | 1,632 | 938 | 811 | 2,025 | 1,453 | |
| Linn.... | 1,318 | 504 | 958 | 1,614 | 799 | |
| Montgo- mery.... | 1,340 | 1,003 | 574 | 1,806 | 1,533 | |
| Miami.... | 1,268 | 1,087 | 991 | 1,534 | 1,188 | |
| Neosho... | 1,073 | 826 | 573 | 1,255 | 1,238 | |
| Wilson... | 1,142 | 501 | 624 | 1,427 | 854 | |
| Wyan- dotte... | 1,131 | 1,168 | 460 | 1,187 | 1,295 | |
| Total... | 10,029 | 13,327 | 9,962 | 22,088 | 17,518 | |
| Maj. over next.... | 5,702 | | | 4,508 | | |
| Per cent.. | 44.94 | 81.49 | 21.17 | .... | .... |  |
| Total . | 42,318 | | | 39,606 | | |

KENTUCKY.—Representatives in Congress.

| 1878. | | | | | 1876. | | | | |
|--|---------|----------|--------|--------|--|------------------------|---------|-----------|----------|
| 1. COUNTIES. | Turner. | Trimble. | Bagby. | Boone. | Houss'n. | 4. COUNTIES. | Knott. | Belden. | Lewis. |
| | I. D. | D. | R. | R. | D. | | D. | R. | I. D. |
| Ballard..... | 1,106 | 397 | 266 | 812 | 225 | Breckin'ge. | 1,200 | 578 | 37 |
| Caldwell..... | 127 | 544 | 857 | 1,088 | 731 | Bullitt..... | 395 | 111 | 13 |
| Calloway.... | 926 | 551 | 136 | 813 | 138 | Green..... | 556 | 505 | 1,059 |
| Crittenden.. | 218 | 447 | 522 | 855 | 912 | Grayson... | 618 | 314 | 944 |
| Fulton..... | 161 | 167 | 6 | 725 | 120 | Hardin..... | 553 | 587 | 70 |
| Graves..... | 1,337 | 913 | 369 | 2,096 | 811 | Hart..... | 969 | 418 | 2,057 |
| Hickman.... | 190 | 528 | 83 | 991 | 336 | Larue..... | 547 | 306 | 1,564 |
| Livingston.. | 320 | 268 | 28 | 710 | 192 | Marion..... | 977 | 525 | 951 |
| Lyon..... | 38 | 400 | 328 | 727 | 466 | Meade..... | 542 | 124 | 1,532 |
| Marshall.... | 779 | 838 | 193 | 451 | 150 | Nelson..... | 1,089 | 510 | 1,183 |
| McCracken | 610 | 797 | 737 | 1,141 | 845 | Spencer.... | 414 | 193 | 1,835 |
| Trigg..... | 1,066 | 261 | 530 | 585 | 909 | Washington | 709 | 445 | 891 |
| Total.... | 6,878 | 5,611 | 3,555 | 10,994 | 9,374 | | | | 1,870 |
| Turner's plurality.. | 1,267 | | | 3,454 | | Total.... | 8,969 | 4,616 | 15,785 |
| Per cent.... | 42.86 | 84.97 | 22.1 | | | Majority.... | 4,358 | | 8,753 |
| Total vote, 16,044. | | | | 20,368 | | Per cent.... | 64.44 | 83.16 | 1.46 |
| McKenzie, Feighan, Engl'h, McKee, Moore. | | | | | 6. COUNTIES. | | | | |
| | D. | R. | G. | D. | | Carlisle. | Hermes. | Carlisle. | Landrum. |
| Christian... | 1,167 | 1,011 | 171 | 2,144 | 2,753 | | D. | I. D. | D. |
| Davies..... | 1,179 | 270 | 223 | 3,041 | 932 | Boone..... | 557 | 31 | 1,660 |
| Hancock.... | 337 | 83 | 295 | 793 | 167 | Campbell.... | 643 | 935 | 2,847 |
| Henderson.. | 780 | 156 | 347 | 2,573 | 1,385 | Carroll..... | 526 | 52 | 1,243 |
| Hopkins.... | 992 | 455 | 260 | 1,877 | 922 | Gallatin.... | 171 | .. | 661 |
| McLean..... | 496 | 184 | 138 | 906 | 303 | Grant..... | 456 | 21 | 1,234 |
| Muhlenb'rg | 619 | 893 | 249 | 1,167 | 883 | Harrison.... | 1,256 | 70 | 1,891 |
| Ohio..... | 854 | 389 | 238 | 1,606 | 1,022 | Kenton..... | 1,512 | 949 | 4,165 |
| Union..... | 1,269 | 68 | 18 | 2,169 | 526 | Pendleton... | 460 | 119 | 1,651 |
| Webster.... | 633 | 180 | 112 | 1,281 | 581 | Trimble..... | 320 | .. | 1,049 |
| Total.... | 8,328 | 3,189 | 2,051 | 17,557 | 9,874 | | | | |
| McKenzie's plurality. | 5,129 | | | 8,131 | | Total..... | 5,901 | 1,877 | 16,404 |
| Per cent.... | 61.22 | 28.44 | 15.07 | | | Carlisle's maj'y.. | 4,034 | | 8,271 |
| Scattering votes, 35. | | | | | | Per cent.... | 75.86 | 24.13 | |
| Total vote, 13,608. | | | | 26,931 | | Total vote, 7,805. | | | 24,557 |
| 2. COUNTIES. Caldwell, Hunter, Wright, Caldwell, Matt. | | | | | 7. COUNTIES. Blackburn, Drane, Blackburn, Shackleford. | | | | |
| | D. | R. | G. | D. | | | D. | G. | D. |
| Allen..... | 524 | 423 | 268 | 1,005 | 630 | Bourbon..... | 817 | 307 | 1,738 |
| Barren..... | 1,555 | 984 | 115 | 2,156 | 1,300 | Clark..... | 618 | 285 | 1,362 |
| Butler..... | 355 | 510 | 350 | 390 | 510 | Franklin.... | 725 | 220 | 2,964 |
| Cumberl'd.. | 353 | 693 | 59 | 339 | 461 | Fayette..... | 1,432 | 1,409 | 1,953 |
| Clinton.... | 250 | 416 | 118 | 591 | 592 | Henry..... | 803 | 727 | 1,837 |
| Edmonson.. | 276 | 412 | 102 | 472 | 409 | Jessamine.... | 555 | 309 | 1,144 |
| Logan..... | 1,811 | 1,285 | 112 | 2,149 | 1,520 | Owen..... | 1,108 | 26 | 2,644 |
| Metcalfe.. | 466 | 480 | 74 | 702 | 660 | Scott..... | 768 | 13 | 1,839 |
| Monroe.... | 343 | 503 | 190 | 581 | 646 | Shelby..... | 1,079 | 209 | 2,065 |
| Simpson.... | 652 | 490 | 247 | 1,244 | 611 | Woodford.... | 727 | 43 | 1,313 |
| Todd..... | 873 | 94 | 145 | 1,136 | 1,163 | | | | |
| Warren.... | 1,896 | 1,402 | 559 | 2,350 | 2,083 | Total..... | 8,632 | 3,548 | 18,884 |
| Total.... | 9,854 | 8,502 | 2,339 | 13,235 | 10,590 | Majority..... | 5,084 | | 7,586 |
| Caldwell's plurality. | 854 | | | 8,183 | | Per cent.... | 71.44 | 29.21 | |
| Per cent.... | 46.12 | 41.90 | 11.58 | | | Scattering votes, 202. | | | |
| Total vote, 20,195. | | | | 23,875 | | Total vote, 12,882. | | | 30,332 |
| 3. COUNTIES. Willis, Kearny, Scott, Willis, Evans. | | | | | 8. COUNTIES. | | | | |
| | D. | R. | D. | R. | | Thompson, Jr. | Denny. | Durham. | Bradley. |
| Jefferson... | 8,403 | 7,303 | 5,164 | 14,131 | 5,222 | | D. | R. | D. |
| Oldham.... | 712 | 189 | 344 | 915 | 345 | Adair..... | 939 | 883 | 1,169 |
| Total.... | 9,115 | 7,492 | 5,508 | 15,046 | 5,557 | Anderson... | 769 | 455 | 1,143 |
| Willis's plurality.... | 1,623 | | | 9,479 | | Boyle..... | 1,079 | 1,210 | 1,449 |
| Per cent.... | 40.50 | 30.60 | 24.49 | | | Casey..... | 722 | 648 | 872 |
| Duncan, Greenback, received 383 votes in 1878. | | | | | | Garrard..... | 968 | 1,327 | 1,092 |
| Total vote, 22,498. | | | | 20,603 | | Lincoln..... | 1,262 | 1,073 | 1,505 |
| Total vote, 22,498. | | | | | Total.... | | | | |
| | | | | | | Madison.... | 1,849 | 1,481 | 2,229 |
| | | | | | | Mercer..... | 1,600 | 847 | 1,668 |
| | | | | | | Pulaski.... | 1,311 | 1,537 | 1,607 |
| | | | | | | Russell.... | 538 | 454 | 648 |
| | | | | | | Taylor..... | 713 | 296 | 991 |
| | | | | | | Wayne..... | 788 | 560 | 1,061 |
| | | | | | | Total.... | 12,588 | 10,766 | 15,484 |
| | | | | | | Majority..... | 1,772 | | 2,830 |
| | | | | | | Per cent.... | 53.80 | 46.13 | |
| | | | | | | Total vote, 23,225. | | | 23,138 |

KENTUCKY.—Representatives in Congress. (Continued.)

| 9. COUNTIES. | 1878. | | | 1876. | | |
|------------------------|---------------|-------------|---------------|---------------|-------------|--|
| | Turner. D. | Dils. R. | Carter. G. | Turner. D. | Boyd. R. | |
| Bell..... | 170 | 189 | 10 | 04 | 543 | |
| Breathitt.. | 645 | 191 | 3 | 632 | 373 | |
| Clay..... | 551 | 418 | 18 | 790 | 951 | |
| Elliott..... | 550 | 65 | 4 | 734 | 141 | |
| Estill..... | 606 | 312 | .. | 899 | 681 | |
| Floyd..... | 821 | 417 | .. | 961 | 295 | |
| Harlan..... | 145 | 454 | 13 | 126 | 670 | |
| Jackson.... | 233 | 393 | 5 | 250 | 622 | |
| Knox..... | 522 | 468 | 26 | 527 | 1,069 | |
| Laurel..... | 449 | 474 | 16 | 484 | 777 | |
| Lee..... | 333 | 277 | .. | 339 | 383 | |
| Leslie..... | 68 | 212 | 2 | — | — | |
| Letcher.... | 382 | 341 | 21 | 369 | 427 | |
| Magoffin... | 430 | 352 | 1 | 435 | 444 | |
| Menifee... | 345 | 66 | .. | 428 | 112 | |
| Montgom'y | 952 | 681 | 3 | 1,273 | 785 | |
| Morgan.... | 852 | 279 | 3 | 1,024 | 340 | |
| Owsley... | 196 | 363 | 6 | 194 | 553 | |
| Perry..... | 255 | 437 | 1 | 238 | 663 | |
| Pike..... | 588 | 898 | 4 | 966 | 450 | |
| Powell..... | 246 | 187 | 1 | 338 | 257 | |
| Rockcastle | 589 | 342 | 107 | 825 | 750 | |
| Whitley.... | 390 | 314 | 26 | 447 | 1,135 | |
| Wolfe..... | 516 | 225 | 2 | 520 | 282 | |
| Total.... | 10,784 | 8,392 | 272 | 13,103 | 12,710 | |
| Turner's plurality. | 2,392 | | | 333 | | |
| Per cent. . | 55.45 | 43.15 | 1.39 | 25,813 | | |
| Total vote, | 19,448. | | | | | |

| 10. COUNTIES. | 1878. | | | 1876. | | |
|-------------------------|----------------|----------------|----------------|---------------|---------------------|--|
| | Phister. D. | Bennett. R. | Kilgour. G. | Clarke. D. | Den- ning. R. | |
| Bath..... | 595 | 274 | 3 | 1,120 | 822 | |
| Boyd..... | 403 | 159 | 323 | 1,050 | 880 | |
| Bracken.... | 435 | 83 | 10 | 1,529 | 504 | |
| Carter..... | 277 | 129 | 377 | 761 | 696 | |
| Fleming.... | 769 | 316 | 3 | 1,533 | 1,097 | |
| Greenup.... | 499 | 163 | 230 | 1,036 | 964 | |
| Johnson.... | 361 | 160 | 155 | 557 | 706 | |
| Lawrence... | 456 | 256 | 35 | 1,050 | 599 | |
| Lewis..... | 583 | 311 | 44 | 1,154 | 1,114 | |
| Martin..... | 56 | 71 | 3 | 93 | 236 | |
| Mason..... | 1,448 | 375 | .. | 2,324 | 1,488 | |
| Nicholas... | 860 | 96 | 2 | 1,310 | 749 | |
| Robertson... | 402 | 118 | 4 | 631 | 410 | |
| Rowan.... | 149 | 134 | 35 | 251 | 596 | |
| Total.... | 7,233 | 2,645 | 1,244 | 14,409 | 10,561 | |
| Phister's plurality. | 4,648 | | | 3,818 | | |
| Per cent. . | 65.21 | 23.65 | 11.12 | | | |
| Scattering votes, 19. | | | | | | |
| Total vote, 11,202. | | | | 24,970 | | |

LOUISIANA.

| 1st District. | Rep. in Congress—1878. | | President—1876. | | | |
|-----------------------|------------------------|----------------------------|-------------------|--------------|------------------------|--------------|
| | Gibson. D. | Castellanos. Gr. and R. | Democratic Count. | | Returning Board Count. | |
| | | | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
| Plaquemines..... | 949 | 905 | 712 | 1,754 | 712 | 1,754 |
| St. Bernard..... | 237 | 476 | 336 | 691 | 336 | 691 |
| Orleans, part of City | 11,233 | 5,732 | 14,093 | 9,671 | 13,443 | 9,421 |
| Total..... | 12,419 | 7,113 | 15,141 | 12,116 | 14,491 | 11,866 |
| Scattering, 3.... | | | | | | |
| Majority..... | 5,303 | | 3,025 | | 2,625 | |
| Per cent. | 63.57 | 33.41 | | | | |
| Total vote..... | | 19,535 | 27,257 | | 26,357 | |

| 2d District. | Ellis. Dem. | Cullom. R. & Gr. | Hahn. R. | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
|-----------------------|----------------|---------------------|-------------|---------------|--------------|---------------|--------------|
| Orleans, part of City | 8,630 | 3,553 | ..... | 10,830 | 5,467 | 10,629 | 5,279 |
| Jefferson..... | 467 | 1,049 | ..... | 735 | 1,761 | 782 | 1,761 |
| St. Charles..... | 258 | 288 | ..... | 203 | 1,141 | 229 | 1,229 |
| St. John the Baptist | 454 | 1,036 | ..... | 743 | 1,283 | 743 | 1,283 |
| St. James..... | 454 | 150 | 1,468 | 980 | 1,989 | 979 | 1,989 |
| Total..... | 10,263 | 6,070 | 1,468 | 13,651 | 11,646 | 13,362 | 11,546 |
| Maj. over next... | 4,187 | | | 2,005 | | 1,816 | |
| Scattering, 14.... | | | | | | | |
| Per cent. | 57.58 | 34.00 | 8.21 | | | | |
| Total vote..... | | 17,821 | | 25,297 | | 24,908 | |

LOUISIANA. (Continued.)

| 3d District. | Rep. in Congress—1878. | | | President—1876. | | | |
|----------------------|------------------------|---------|----------|-------------------|-----------|------------------------|-----------|
| | Acklen. | Hebert. | Merch't. | Democratic Count. | | Returning Board Count. | |
| | D. | R. | Ind. D. | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
| Iberville | 421 | 1,174 | 185 | 954 | 2,297 | 954 | 2,257 |
| Ascension | 1,050 | 388 | .... | 1,197 | 2,071 | 1,197 | 2,071 |
| Assumption | 996 | 1,025 | .... | 1,687 | 1,697 | 1,686 | 1,691 |
| Lafourche | 1,283 | 1,165 | .... | 2,005 | 2,013 | 1,688 | 1,867 |
| Terrebonne | 903 | 1,573 | .... | 1,387 | 1,969 | 1,389 | 1,969 |
| St. Mary | 413 | 798 | 1,012 | 1,484 | 2,405 | 1,459 | 2,405 |
| Iberia | 887 | 8 | 1,447 | 1,427 | 1,452 | 925 | 1,441 |
| St. Martin | 923 | 1,037 | 5 | 1,023 | 1,097 | 1,023 | 1,099 |
| Lafayette | 992 | .... | 684 | 1,156 | 661 | 633 | 654 |
| Vermillion | 602 | .... | 245 | 902 | 277 | 909 | 277 |
| Cameron | 285 | .... | 47 | 246 | 52 | 246 | 52 |
| Calcasieu | 1,341 | .... | 41 | 1,208 | 84 | 1,252 | 84 |
| Total | 10,206 | 7,163 | 3,666 | 14,766 | 15,975 | 12,364 | 15,767 |
| Maj. over next | 8,139 | .... | .... | .... | 1,209 | .... | 3,403 |
| Per cent | 48.27 | 33.91 | 17.31 | .... | .... | .... | .... |
| Total vote | 21,125 | .... | .... | 30,741 | .... | 28,181 | .... |

| 4th District. | Elam. D. | Wells. R. | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
|---------------------|----------|-----------|------------|-----------|------------|-----------|
| Rapides | 1,864 | 1,042 | 1,619 | 1,751 | 1,619 | 1,756 |
| Vernon | 650 | 2 | 647 | .... | 469 | 178 |
| Sabine | 909 | 2 | 906 | 23 | 906 | 23 |
| Natchitoches | 2,819 | .... | 1,761 | 2,099 | 1,418 | 2,092 |
| Grant | 485 | 385 | 518 | 303 | Rejec | ted. |
| Winn | 608 | .... | 540 | 76 | 550 | 76 |
| Red River | 677 | .... | 413 | 832 | 412 | 833 |
| De Soto | 1,040 | .... | 1,304 | 898 | 513 | 717 |
| Caddo | 1,815 | 279 | 1,654 | 2,687 | 1,656 | 2,687 |
| Bossier | 1,401 | 45 | 883 | 1,703 | 603 | 1,626 |
| Webster | 1,128 | 1 | 886 | 864 | 451 | 670 |
| Bienville | 1,027 | .... | 953 | 227 | 956 | 227 |
| Total | 14,423 | 1,756 | 12,084 | 11,465 | 9,653 | 10,984 |
| Scattering, 3 ..... | .... | .... | .... | .... | .... | .... |
| Majority | 12,664 | .... | 619 | .... | .... | 1,331 |
| Per cent | 89.13 | 10.85 | .... | .... | .... | .... |
| Total vote | 16,182 | .... | 23,549 | .... | 20,537 | .... |

| 5th District. | King. D. | Ludeling. R. | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
|-----------------------|----------|--------------|------------|-----------|------------|-----------|
| Concordia | 1,037 | 955 | 307 | 2,523 | 309 | 2,523 |
| Caldwell | 772 | 84 | 631 | 285 | 481 | 211 |
| Franklin | 944 | 10 | 789 | 129 | 716 | 101 |
| Tensas | 2,795 | 90 | 464 | 3,207 | 464 | 3,207 |
| Madison | 173 | 1,962 | 332 | 2,528 | 328 | 2,584 |
| Richland | 1,008 | 8 | 963 | 277 | 194 | 120 |
| Ouachita | 2,841 | 13 | 1,865 | 793 | 849 | 745 |
| Jackson | 467 | .... | 460 | 23 | 462 | 23 |
| Lincoln | 1,344 | .... | 1,064 | 331 | 1,070 | 331 |
| Union | 1,809 | 180 | 1,465 | 94 | 1,492 | 94 |
| Morehouse | 1,102 | 19 | 1,377 | 782 | 394 | 427 |
| East Carroll | 137 | 1,344 | 592 | 2,410 | 592 | 2,432 |
| West Carroll | 473 | 55 | .... | .... | .... | .... |
| Claiborne | 1,515 | 109 | 1,576 | 432 | 1,392 | 432 |
| Catahoula | 834 | 176 | 907 | 820 | 839 | 802 |
| Total | 17,251 | 4,905 | 12,792 | 14,610 | 9,082 | 14,032 |
| Scattering, 128 ..... | .... | .... | .... | .... | .... | .... |
| Maj. over next | 12,346 | .... | .... | 1,848 | .... | 4,950 |
| Per cent | 77.84 | 22.13 | .... | .... | .... | .... |
| Total vote | 22,161 | .... | 27,402 | .... | 23,114 | .... |

LOUISIANA. (Continued.)

| 6th District. | Rep. in Congress—1878. | | President—1876. | | | |
|---------------------|------------------------|-------------------|-------------------|--------------|------------------------|--------------|
| | Robertson. D. | Larimore. Ind. | Democratic Count. | | Returning Board Count. | |
| | | | Tilden. D. | Hayes. R. | Tilden. D. | Hayes. R. |
| Pointe Coupée..... | 1,062 | 1,034 | 1,063 | 1,987 | 1,063 | 1,987 |
| St. Landry..... | 3,584 | 2,260 | 3,746 | 2,432 | 3,036 | 2,394 |
| Avoyelles..... | 1,804 | 1,082 | 1,470 | 1,504 | 1,471 | 1,504 |
| East Feliciana..... | 994 | 1 | 1,736 | ..... | Rejec | ted. |
| West Feliciana..... | 1,706 | 98 | 1,248 | 778 | 238 | 624 |
| East Baton Rouge.. | 1,148 | 1,408 | 2,238 | 1,623 | 796 | 1,466 |
| West Baton Rouge.. | 275 | 80 | 440 | 912 | 441 | 912 |
| St. Helena..... | 593 | 562 | 648 | 520 | 649 | 520 |
| Livingston..... | 625 | 95 | 769 | 121 | 391 | 121 |
| Tangipahoa..... | 827 | 304 | 930 | 565 | 855 | 565 |
| Washington..... | 581 | 444 | 514 | 165 | 514 | 165 |
| St. Tammany..... | 768 | 237 | 649 | 551 | 649 | 551 |
| Total..... | 13,977 | 7,605 | 15,471 | 11,158 | 10,703 | 10,809 |
| Majority..... | 6,372 | ..... | 4,313 | ..... | ..... | 106 |
| Per cent..... | 64.76 | 85.24 | | | | |
| Total vote..... | 21,582 | | 26,620 | | 21,512 | |

STATE OF MAINE.—State Ticket.—Governor, 1878.

| COUNTIES—16. | GOVERNOR, 1878. | | | GOVERNOR, 1877. | | PRESIDENT, 1876. | |
|------------------|-----------------|-----------------|--------------|-----------------|-----------------|------------------|---------------|
| | Connor. R. | Garcelon. D. | Smith. G. | Connor. R. | Williams. D. | Hayes. R. | Tilden. D. |
| Androscoggin.... | 3,802 | 2,136 | 2,230 | 2,919 | 2,065 | 4,294 | 3,076 |
| Aroostook..... | 2,365 | 1,926 | 1,349 | 2,325 | 2,277 | 1,839 | 1,262 |
| Cumberland..... | 7,838 | 5,614 | 3,051 | 6,354 | 6,237 | 8,831 | 7,456 |
| Franklin..... | 1,839 | 631 | 1,472 | 1,665 | 1,376 | 2,116 | 1,559 |
| Hancock..... | 3,105 | 1,376 | 1,799 | 3,104 | 2,112 | 3,376 | 3,663 |
| Kennebec..... | 5,755 | 2,337 | 3,133 | 5,106 | 3,318 | 6,751 | 4,093 |
| Knox..... | 2,223 | 1,703 | 2,172 | 2,397 | 3,021 | 3,149 | 2,843 |
| Lincoln..... | 1,939 | 1,864 | 963 | 2,046 | 2,201 | 2,263 | 1,956 |
| Oxford..... | 3,441 | 1,671 | 2,449 | 3,205 | 2,554 | 3,704 | 3,084 |
| Penobscot..... | 6,173 | 646 | 8,112 | 5,925 | 2,728 | 8,206 | 5,211 |
| Piscataquis.... | 1,575 | 203 | 1,364 | 1,429 | 826 | 1,799 | 1,016 |
| Sagadahoc..... | 2,219 | 817 | 575 | 1,655 | 996 | 2,499 | 1,421 |
| Somerset..... | 2,962 | 1,054 | 3,269 | 3,118 | 2,012 | 3,919 | 3,148 |
| Waldo..... | 2,007 | 644 | 4,270 | 3,444 | 2,630 | 3,465 | 2,607 |
| Washington..... | 3,514 | 2,112 | 1,872 | 3,338 | 2,684 | 3,453 | 2,863 |
| York..... | 5,761 | 3,078 | 3,824 | 5,601 | 5,077 | 6,636 | 5,545 |
| Total..... | 56,519 | 27,872 | 41,404 | 53,631 | 42,114 | 66,300 | 49,823 |
| Plurality..... | 15,115 | | | | | | |
| Majority..... | | | | 11,517 | | 16,477 | |
| Per cent..... | 44.91 | 22.15 | 32.00 | 52.67 | 41.36 | 56.77 | 42.67 |
| Total vote..... | | 125,826 | | 101,821 | | 126,786 | |
| Scattering..... | | 31 | | | | | |

There was no choice of Governor by the people, a majority of all the votes cast being required to elect. The Legislature which convened Jan. 1, 1879, chose Alonzo Garcelon, Dem., as Governor, and elected other State officers, all Democrats except Edward H. Gove, Greenback, who was chosen Secretary of State.

In 1877 the Greenback party cast 5266 votes. In 1876 Cooper, G., received 663 votes for President.

Legislature of 1879 has in Senate 20 Rep., 8 Nat. Gr., 2 Dem., 1 Ind.—Total, 31. In House, 66 Rep., 57 Nat. Gr., 27 Dem., and 1 Ind.—Total, 151.

MAINE.—Representatives in Congress.—1878.

| | Rep. | | Dem. | | Gr. |
|------------------------|------------------|--------|---------------|--------|-------------------------|
| 1st District.... | Reed..... | 13,483 | Anderson..... | 9,333 | Gove..... 6,348 |
| 2d District.... | Frye..... | 11,434 | Belcher..... | 3,407 | Chase..... 8,472 |
| 3d District.... | Lindsey..... | 11,373 | Smith..... | 5,895 | Philbrick..... 8,322 |
| 4th District.... | Powers..... | 10,095 | | | Ladd, Gr. and D. 12,921 |
| 5th District.... | Hale..... | 10,059 | Martin..... | 2,198 | Murch..... 11,406 |
| | | | 1876. | | |
| 1st District.... | Reed..... | 16,243 | Goodwin..... | 15,156 | |
| 2d District.... | Frye..... | 13,683 | Belcher..... | 10,223 | Chase..... 550 |
| 3d District.... | Lindsey..... | 15,741 | O'Brien..... | 12,738 | |
| 4th District.... | Powers..... | 12,866 | Donworth..... | 10,690 | |
| | Oak (Ind Rep.).. | 968 | | | |
| 5th District.... | Hale..... | 15,089 | McLellan..... | 12,178 | |
| Total..... | | 73,627 | | 62,732 | 550 |
| Majority in State..... | | | | 10,895 | |

MARYLAND.—Representatives in Congress.

| 1878. | | 1876. | | 1878. | | | | 1876. | |
|--|-----------|------------|-----------|------------|------------|--------------|-----------------|-----------|------------|
| | Henry. D. | Graham. R. | Henry. D. | Spence. R. | McLane. D. | Hol-land. R. | Quig-ley. I. D. | Swann. D. | Butler. R. |
| 1st Dist. | | | | | | | | | |
| Worcester.. | 1,311 | 893 | 2,066 | 1,304 | | | | | |
| Somerset... 1,138 | | 1,232 | 1,905 | 1,794 | | | | | |
| Wicomico... 1,439 | | 1,072 | 2,091 | 1,788 | | | | | |
| Dorchester. 1,703 | | 1,667 | 2,072 | 1,062 | | | | | |
| Talbot..... 1,477 | | 1,650 | 1,802 | 1,803 | | | | | |
| Queen Anne's 1,606 | | 1,296 | 1,248 | 1,075 | | | | | |
| Caroline.... 1,052 | | 928 | 2,151 | 1,475 | | | | | |
| Kent..... 1,693 | | 1,600 | 1,932 | 1,684 | | | | | |
| Total..... | 11,419 | 10,338 | 15,287 | 11,905 | | | | | |
| Majority..... | 1,081 | | 3,332 | | | | | | |
| Per cent.... | 52.48 | 47.51 | 56.21 | 43.78 | | | | | |
| Tot. vote. | 21,757 | | 27,192 | | | | | | |
| Milligan. Talbott. McCombs. Roberts. Harris. | | | | | | | | | |
| 2d Dist. | D. | I. D. | Gr. | D. | R. | | | | |
| Cecil..... | 1,796 | 844 | 439 | 2,951 | 2,521 | | | | |
| Harford.... | 1,832 | 828 | 654 | 2,849 | 2,307 | | | | |
| Carroll..... | 2,175 | 1,050 | 89 | 5,937 | 4,870 | | | | |
| B. Co., 11 d. | 4,023 | 1,876 | 86 | 3,296 | 2,886 | | | | |
| Total..... | 9,826 | 3,598 | 1,268 | 15,033 | 11,984 | | | | |
| Major. over next..... | 6,228 | | | 3,049 | | | | | |
| Per cent.... | 66.87 | 25.17 | 8.63 | 55.64 | 44.35 | | | | |
| Tot. vote. | 14,692 | | | 27,017 | | | | | |
| Morling, Ind. Gr., received 98 votes; Miller, Ind., received 11 votes. | | | | | | | | | |
| Kimmel. Thomp'n. Kimmel. Goldsb'h. | | | | | | | | | |
| 3d Dist. | D. | Gr. & Pro. | D. | R. | | | | | |
| Baltimore: | | | | | | | | | |
| 1. Ward..... | 1,618 | 966 | 2,193 | 1,488 | | | | | |
| 2. "..... | 966 | 867 | 1,860 | 803 | | | | | |
| 3. "..... | 1,474 | 509 | 1,386 | 893 | | | | | |
| 4. "..... | 1,080 | 229 | 1,064 | 465 | | | | | |
| 5. "..... | 1,095 | 505 | 1,357 | 1,178 | | | | | |
| 6. "..... | 881 | 694 | 1,340 | 1,282 | | | | | |
| 7. "..... | 1,836 | 1,087 | 2,620 | 1,551 | | | | | |
| 8. "..... | 1,120 | 386 | 1,806 | 472 | | | | | |
| 9. "..... | 1,382 | 165 | 1,126 | 425 | | | | | |
| Total..... | 11,472 | 4,908 | 14,257 | 8,562 | | | | | |
| Majority..... | 6,564 | | 5,695 | | | | | | |
| Per cent.... | 70.03 | 29.90 | 62.47 | 37.52 | | | | | |
| Total vote.... | 16,380 | | 22,819 | | | | | | |
| The Legislature of 1878-79 stands: Democrats, 84; Republicans, 26: total, 110. | | | | | | | | | |

| 1878. | | 1876. | | 1878. | | | | 1876. | |
|--|------------|--------------|-----------------|-----------|------------|--------|--|-------|--|
| | McLane. D. | Hol-land. R. | Quig-ley. I. D. | Swann. D. | Butler. R. | | | | |
| 4th Dist. | | | | | | | | | |
| Baltimore: | | | | | | | | | |
| 10. Ward.. | 974 | 297 | 80 | 23 | 1,267 | 709 | | | |
| 11. "..... | 817 | 526 | 7 | 64 | 1,261 | 973 | | | |
| 12. "..... | 839 | 459 | 24 | 74 | 1,326 | 807 | | | |
| 13. "..... | 971 | 422 | 56 | 15 | 1,043 | 868 | | | |
| 14. "..... | 827 | 515 | 54 | 19 | 1,116 | 947 | | | |
| 15. "..... | 1,121 | 548 | 40 | 19 | 1,285 | 1,194 | | | |
| 16. "..... | 1,511 | 937 | 107 | 27 | 1,714 | 1,684 | | | |
| 18. "..... | 1,550 | 1,094 | 143 | 32 | 2,257 | 2,057 | | | |
| 19. "..... | 1,499 | 960 | 71 | 30 | 2,261 | 1,835 | | | |
| 20. "..... | 1,135 | 893 | 95 | 35 | 1,729 | 1,674 | | | |
| Total..... | 11,064 | 6,671 | 627 | 398 | 15,259 | 12,728 | | | |
| Major. ov. next.... | 4,393 | | | | 2,581 | | | | |
| Per cent. 58.44 | 35.55 | 3.84 | ... | 54.52 | 45.47 | | | | |
| Tot. v. | 18,760 | | | 27,981 | | | | | |
| Henkle. Crane. Calvert. Henkle. Sellman. | | | | | | | | | |
| 5th Dist. | D. | R. | Gr. | D. | R. | | | | |
| Baltimore Co. | | | | | | | | | |
| 2 Districts | 662 | 397 | 4 | 1,189 | 743 | | | | |
| 17. Ward.. | 1,619 | 497 | 86 | 1,748 | 855 | | | | |
| Anne Arun-del..... | 2,873 | 1,541 | 6 | 3,113 | 2,245 | | | | |
| Calvert.... | 948 | 913 | .... | 932 | 1,022 | | | | |
| Charles.... | 1,395 | 1,712 | 5 | 1,651 | 1,697 | | | | |
| Howard.... | 1,157 | 888 | 20 | 1,633 | 1,189 | | | | |
| Prince George's. | 1,832 | 2,105 | 40 | 2,620 | 2,413 | | | | |
| St. Mary's. | 1,072 | 1,692 | 1 | 1,500 | 1,536 | | | | |
| Total..... | 11,558 | 9,695 | 162 | 14,436 | 11,705 | | | | |
| Major. over next..... | 1,863 | | | 2,731 | | | | | |
| Per cent.... | 53.97 | 45.27 | .75 | 55.22 | 44.77 | | | | |
| Tot. vote | 21,415 | | | 26,141 | | | | | |
| Peter. Urner. Reasley. Walsh. McComas. | | | | | | | | | |
| 6th Dist. | D. | R. | Gr. | D. | R. | | | | |
| Washing-ton..... | 3,185 | 3,461 | 447 | 3,893 | 3,966 | | | | |
| Garrett.... | 875 | 873 | 51 | 950 | 1,020 | | | | |
| Frederick | 3,995 | 5,326 | 183 | 4,921 | 5,305 | | | | |
| Allegany. | 1,854 | 2,246 | 1,176 | 1,103 | 3,304 | | | | |
| Montgo-mery... | 2,530 | 2,257 | 35 | 2,853 | 2,098 | | | | |
| Total..... | 12,439 | 14,163 | 1,892 | 15,727 | 15,713 | | | | |
| Major. over next.... | 1,724 | | | 14 | | | | | |
| Per cent.... | 43.75 | 49.61 | 6.61 | 50.02 | 49.97 | | | | |
| Tot. vote. | 28,544 | | | 31,440 | | | | | |

MASSACHUSETTS.—Representatives in Congress.

| 1878. | | 1876. | |
|-------------|-------------------------------------|-------------|----------------------------------|
| 1st Dist.— | William W. Crapo, Rep....12,575 | 1st Dist.— | William W. Crapo, Rep....14,153 |
| | Matthias Ellis, Dem..... 7,388 | | Joseph M. Day, Dem..... 6,179 |
| | Rodney French, Gr..... 219 | | Crapo's majority..... 7,974 |
| | Scattering..... 30 | | |
| | Crapo's majority over all.. 4,973 | | |
| 2d Dist.— | Benjamin W. Harris, Rep..14,579 | 2d Dist.— | Benjamin W. Harris, Rep. 15,550 |
| | Edgar E. Dean, Gr..... 5,472 | | Edward Avery, Dem..... 9,757 |
| | Edward Avery, Dem..... 4,374 | | Harris's majority..... 5,793 |
| | Thomas J. Lathrop, Pro... 391 | | |
| | Scattering..... 147 | | |
| | Harris's majority over all.. 4,195 | | |
| 3d Dist.— | Walbridge A. Field, Rep...10,919 | 3d Dist.— | Walbridge A. Field, Rep.. 9,330 |
| | Benj. Dean, Dem. and Gr. 10,478 | | Benjamin Dean, Dem..... 9,315 |
| | Eugene H. Clapp, Pro... 60 | | Field's majority..... 5 |
| | Scattering..... 155 | | |
| | Field's majority over all... 220 | | |
| 4th Dist.— | Martin Brimmer, Rep..... 7,654 | 4th Dist.— | Rufus S. Frost, Rep. 9,215 |
| | Leopold Morse, Dem.....11,647 | | Leopold Morse, Dem.....10,249 |
| | William Washburn, Pro... 73 | | Morse's majority..... 1,034 |
| | Scattering..... 46 | | |
| | Morse's majority over all.. 8,734 | | |
| 5th Dist.— | Selwyn Z. Bowman, Rep..12,308 | 5th Dist.— | Nathaniel P. Banks, Rep...13,325 |
| | Nathan Clark, Gr. and Dem.10,653 | | Rich'd Frothingham, Dem.12,317 |
| | Nathan J. Clark, Pro..... 265 | | Banks's majority..... 1,003 |
| | Scattering..... 71 | | |
| | Bowman's majority over all 1,319 | | |
| 6th Dist.— | George B. Loring, Rep.....10,339 | 6th Dist.— | George B. Loring, Rep.....12,319 |
| | E. Moody Boynton, Gr....10,226 | | Chas. P. Thompson, Dem..11,171 |
| | James H. Carleton, Dem.. 2,658 | | Loring's majority..... 1,148 |
| | Scattering..... 52 | | |
| | Loring's maj'ty over next. 113 | | |
| 7th Dist.— | William A. Russell, Rep...13,169 | 7th Dist.— | Benjamin F. Butler, Rep..12,100 |
| | John K. Tarbox, Dem. 7,700 | | John K. Tarbox, Dem..... 9,379 |
| | Samuel M. Stevens, Gr.... 2,441 | | E. Rockwood Hoar, Ind.... 1,955 |
| | James C. Abbott, Pro..... 143 | | Butler's maj. over Tarbox. 2,721 |
| | Scattering..... 18 | | " " " all..... 766 |
| | Russell's majority over all. 2,477 | | |
| 8th Dist.— | William Claflin, Rep.....14,300 | 8th Dist.— | William Claflin, Rep.....14,245 |
| | Isaac Bradford, D. and Gr.11,758 | | William W. Warren, Dem.12,497 |
| | George W. Stacy, Pro..... 223 | | Claflin's majority..... 1,748 |
| | Scattering..... 35 | | |
| | Claflin's majority over all.. 2,284 | | |
| 9th Dist.— | William W. Rice, Rep....13,295 | 9th Dist.— | William W. Rice, Rep.....13,690 |
| | Eli Thayer, Gr. and Dem.. 8,960 | | George F. Terry, Dem.....10,248 |
| | Timothy A. Smith, Pro.... 265 | | Rice's majority..... 3,643 |
| | Scattering..... 6 | | |
| | Rice's majority over all... 4,064 | | |
| 10th Dist.— | Amasa Norcross, Rep....13,051 | 10th Dist.— | Amasa Norcross, Rep....15,779 |
| | Wilbur F. Whitney, Ind. D. 6,746 | | Samuel O. Lamb, Dem..... 8,928 |
| | James S. Grinnell, Dem... 3,609 | | Norcross's majority..... 6,851 |
| | Scattering..... 124 | | |
| | Norcross's maj'ty over all. 2,572 | | |
| 11th Dist.— | George D. Robinson, Rep..10,927 | 11th Dist.— | George D. Robinson, Rep.11,922 |
| | Edward H. Lathrop, Gr.... 7,994 | | Chester W. Chapin, Dem.. 9,769 |
| | Jarvis N. Dunham, Dem... 2,069 | | Robinson's majority..... 2,153 |
| | Scattering..... 270 | | Scattering..... 402 |
| | Robinson's maj'ty over all. 594 | | |

STATE OF MASSACHUSETTS.—State Ticket.

| COUNTIES—14. | Governor—1878. | | | | Governor—1877. | | | | Pres.—1876. | |
|-----------------------|----------------|--------------|--------------|-------------|----------------|--------------|--------------|----------------|-------------|---------|
| | Tal- bot. | But- ler. | Ab- bott. | Min- er. | Rice. | Gas- ton. | Pit- man. | Phil- lips. | Hayes | Tilden |
| | R. | D.&G. | D. | Pro. | R. | D. | Pro. | L.R.G. | R. | D. |
| Barnstable..... | 5,662 | 1,400 | 168 | 61 | 1,777 | 536 | 382 | ..... | 3 493 | 785 |
| Berkshire..... | 2,046 | 3,666 | 907 | 40 | 3,977 | 3,825 | 230 | 46 | 6,015 | 5,478 |
| Bristol..... | 9,887 | 6,723 | 433 | 233 | 5,939 | 4,315 | 1,775 | 195 | 11,576 | 5,814 |
| Dukes..... | 363 | 121 | 39 | 27 | 201 | 93 | 34 | ..... | 299 | 149 |
| Essex..... | 17,443 | 17,672 | 1,288 | 231 | 11,591 | 9,932 | 3,313 | 837 | 21,686 | 14,895 |
| Franklin..... | 3,541 | 2,352 | 346 | 6 | 2,639 | 1,582 | 263 | 15 | 4,072 | 2,257 |
| Hampden..... | 6,562 | 6,086 | 532 | 49 | 5,082 | 4,071 | 586 | 457 | 7,963 | 6,605 |
| Hampshire..... | 3,948 | 2,832 | 217 | 14 | 2,920 | 1,196 | 354 | 237 | 5,018 | 2,507 |
| Middlesex..... | 26,118 | 19,324 | 1,578 | 374 | 16,866 | 13,209 | 3,364 | 702 | 27,301 | 19,561 |
| Nantucket..... | 363 | 53 | 36 | 1 | 149 | 43 | 19 | ..... | 379 | 103 |
| Norfolk..... | 8,680 | 5,808 | 635 | 153 | 5,236 | 4,090 | 1,187 | 161 | 8,963 | 6,685 |
| Plymouth..... | 7,407 | 4,307 | 770 | 91 | 4,173 | 2,800 | 982 | 55 | 8,310 | 4,518 |
| Suffolk..... | 22,894 | 26,675 | 1,793 | 186 | 17,468 | 17,136 | 1,477 | 469 | 22,837 | 25,101 |
| Worcester..... | 19,812 | 12,416 | 1,420 | 447 | 13,247 | 10,357 | 2,388 | 277 | 22,051 | 14,319 |
| Total..... | 134,725 | 109,435 | 10,162 | 1,913 | 91,255 | 73,185 | 16,354 | 3,552 | 150,063 | 108,777 |
| Per cent..... | 52.57 | 42.70 | 3.96 | .74 | 49.47 | 39.67 | 8.86 | 1.92 | 57.97 | 42.08 |
| Plurality..... | 25,290 | | | | 18,070 | | | | 41,286 | |
| Scattering votes, 97. | | | | | | | | | | |
| Total vote..... | | 256,242 | | | | 184,454 | | | 259,619 | |

The Legislature of 1879 stands: Republicans, 219; Democrats, 44; National Greenback party, 17: total, 280.

MICHIGAN.—State Ticket.

| COUNTIES—76. | GOVERNOR, 1878. | | | | GOVERNOR, 1876. | | | PRESIDENT, 1876. | | |
|---------------------|-----------------|--------------|-------|--------------|-----------------|--------------|---------|------------------|--------------|--------------|
| | Cros- well. | Barn- es. | Smith | Sny- der. | Cros- well. | Web- ber. | Sparks. | Hayes. | Til- den. | Coop- er. |
| | R. | D. | G. | Pro. | R. | D. | G. | R. | D. | G. |
| Alcona..... | 215 | 219 | 18 | 1 | 145 | 171 | ..... | 155 | 162 | ..... |
| Allegan..... | 3,205 | 363 | 3,170 | 8 | 4,299 | 3,181 | 247 | 4,281 | 3,169 | 274 |
| Alpena..... | 618 | 719 | 101 | 1 | 624 | 633 | ..... | 629 | 635 | ..... |
| Antrim..... | 377 | 37 | 224 | 1 | 475 | 283 | 1 | 475 | 280 | 1 |
| Baraga..... | 193 | 205 | ..... | 1 | 218 | 232 | ..... | 218 | 232 | ..... |
| Barry..... | 2,224 | 553 | 2,386 | 129 | 2,941 | 1,864 | 673 | 2,966 | 1,902 | 603 |
| Bay..... | 1,387 | 1,592 | 1,909 | 11 | 2,405 | 2,859 | 93 | 2,408 | 2,840 | 100 |
| Benzie..... | 324 | 41 | 234 | 2 | 473 | 191 | 4 | 474 | 186 | 7 |
| Berrien..... | 3,241 | 2,199 | 1,434 | ..... | 4,179 | 3,683 | 292 | 4,188 | 3,679 | 304 |
| Branch..... | 3,013 | 362 | 2,966 | 94 | 4,007 | 2,384 | 446 | 3,998 | 2,370 | 466 |
| Calhoun..... | 3,422 | 1,517 | 2,427 | 290 | 5,132 | 3,824 | 78 | 5,167 | 3,885 | 84 |
| Cass..... | 2,325 | 1,414 | 899 | 4 | 2,751 | 2,354 | 162 | 2,750 | 2,336 | 173 |
| Charlevoix..... | 476 | 94 | 153 | 1 | 410 | 202 | ..... | 411 | 205 | ..... |
| Cheboygan..... | 262 | 276 | ..... | ..... | 263 | 444 | ..... | 262 | 445 | ..... |
| Chippewa..... | 272 | 308 | ..... | ..... | 172 | 283 | ..... | 172 | 195 | ..... |
| Clare..... | 249 | 144 | 156 | 8 | 269 | 239 | ..... | 272 | 236 | ..... |
| Clinton..... | 2,446 | 2,124 | 1,100 | 27 | 3,253 | 3,074 | 27 | 3,247 | 3,074 | 27 |
| Delta..... | 572 | 260 | 7 | ..... | 507 | 449 | ..... | 505 | 452 | ..... |
| Eaton..... | 3,139 | 1,225 | 2,140 | 237 | 3,982 | 2,913 | 42 | 4,010 | 2,903 | 65 |
| Emmet..... | 402 | 357 | 155 | ..... | 311 | 432 | 3 | 312 | 426 | 8 |
| Genesee..... | 3,598 | 1,811 | 1,982 | 379 | 5,031 | 3,755 | 6 | 5,044 | 3,736 | 7 |
| Gladwin..... | 164 | 71 | 65 | ..... | 87 | 159 | ..... | 84 | 162 | ..... |
| Grand Traverse..... | 864 | 121 | 302 | 3 | 1,005 | 329 | ..... | 1,000 | 330 | 3 |
| Gratiot..... | 1,646 | 787 | 1,158 | 5 | 2,146 | 1,370 | 130 | 2,150 | 1,312 | 143 |
| Hillsdale..... | 3,875 | 743 | 2,913 | 39 | 5,086 | 2,342 | 557 | 5,109 | 2,329 | 571 |
| Houghton..... | 1,880 | 1,141 | ..... | ..... | 2,263 | 1,442 | ..... | 2,266 | 1,439 | ..... |
| Huron..... | 976 | 705 | 240 | 14 | 1,273 | 1,036 | ..... | 1,269 | 1,036 | ..... |
| Ingham..... | 3,141 | 2,646 | 1,584 | 101 | 4,043 | 4,005 | 8 | 4,058 | 3,994 | 11 |
| Ionia..... | 2,864 | 1,261 | 2,227 | 187 | 4,286 | 3,246 | 61 | 4,308 | 3,230 | 68 |
| Iosco..... | 465 | 314 | 161 | 2 | 469 | 366 | ..... | 467 | 369 | ..... |
| Isabella..... | 844 | 439 | 427 | 1 | 1,025 | 720 | ..... | 1,021 | 720 | 73 |
| Isle Royale..... | No re turns. | ..... | ..... | ..... | 12 | 43 | ..... | 12 | 44 | ..... |
| Jackson..... | 3,051 | 1,829 | 3,570 | 244 | 4,845 | 5,332 | 24 | 4,913 | 5,254 | 47 |
| Kalamazoo..... | 3,480 | 2,286 | 1,074 | 71 | 4,433 | 3,593 | 80 | 4,496 | 3,583 | 10 |

MICHIGAN.—State Ticket. (Continued.)

| COUNTIES—76. | GOVERNOR, 1878. | | | | GOVERNOR, 1876. | | | PRESIDENT, 1876. | | |
|----------------------|----------------------|---------------|-------------|-----------------|----------------------|--------------------|---------------|------------------|---------------|---------------|
| | Cros- well. R. | Barnes. D. | Smith G. | Snyder. Pro. | Cros- well. R. | Web- ber. D. | Sparks. G. | Hayes R. | Tilden. D. | Cooper. G. |
| Kalkaska..... | 322 | 154 | 101 | 10 | 382 | 128 | 2 | 384 | 130 | 10 |
| Kent..... | 5,691 | 1,633 | 6,076 | 24 | 7,402 | 5,764 | 2,062 | 7,403 | 5,678 | 2,055 |
| Keweenaw..... | 482 | 307 | 29 | .... | 736 | 413 | .... | 735 | 414 | .... |
| Lake..... | 312 | 105 | 122 | .... | 407 | 213 | 9 | 414 | 209 | 8 |
| Lapeer..... | 2,619 | 1,906 | 349 | 9 | 3,216 | 2,510 | .... | 3,230 | 2,498 | 1 |
| Leelanaw..... | 394 | 306 | 156 | .... | 635 | 413 | .... | 634 | 412 | .... |
| Lenawee..... | 4,710 | 2,894 | 2,421 | 435 | 6,556 | 5,523 | 6 | 6,540 | 5,564 | 6 |
| Livingston..... | 2,387 | 2,514 | 260 | 43 | 2,728 | 2,947 | .... | 2,735 | 2,929 | 1 |
| Mackinac..... | 55 | 188 | .... | .... | 74 | 204 | .... | 74 | 204 | .... |
| Macomb..... | 2,036 | 2,391 | 615 | 36 | 3,008 | 3,465 | 14 | 3,009 | 3,453 | 18 |
| Manistee..... | 591 | 816 | 354 | 33 | 884 | 820 | 77 | 896 | 811 | 76 |
| Manitou..... | 33 | 154 | 10 | .... | 34 | .... | .... | 40 | 94 | .... |
| Marquette..... | 1,985 | 997 | 104 | 31 | 2,311 | 1,746 | .... | 2,308 | 1,750 | .... |
| Mason..... | 670 | 384 | 398 | .... | 926 | 687 | 45 | 933 | 680 | 54 |
| Mecosta..... | 1,192 | 311 | 729 | 1 | 1,341 | 945 | 85 | 1,342 | 926 | 101 |
| Menominee..... | 675 | 473 | 85 | .... | 394 | 349 | .... | 393 | 351 | .... |
| Midland..... | 607 | 130 | 554 | 8 | 663 | 476 | .... | 655 | 484 | .... |
| Missaukee..... | 169 | 37 | 47 | .... | 160 | 109 | .... | 159 | 108 | .... |
| Monroe..... | 2,184 | 2,674 | 1,238 | 15 | 3,013 | 3,918 | 5 | 3,032 | 3,893 | 23 |
| Montcalm..... | 2,230 | 1,140 | 1,494 | 43 | 3,099 | 2,461 | 66 | 3,106 | 2,445 | 77 |
| Muskegon..... | 1,730 | 558 | 880 | 3 | 2,254 | 1,514 | 130 | 2,255 | 1,511 | 163 |
| Newaygo..... | 964 | 232 | 1,147 | 19 | 1,304 | 792 | 226 | 1,315 | 801 | 235 |
| Oakland..... | 4,193 | 4,192 | 1,018 | 146 | 5,028 | 5,346 | .... | 5,035 | 5,313 | 51 |
| Oceana..... | 920 | 179 | .... | 22 | 1,368 | 594 | 28 | 1,365 | 599 | 29 |
| Ogemaw..... | 76 | 122 | 100 | .... | 101 | 87 | .... | 101 | 87 | .... |
| Ontonagon..... | 184 | 236 | 65 | 1 | 203 | 324 | .... | 201 | 321 | 3 |
| Osceola..... | 598 | 220 | 262 | 132 | 793 | 628 | 23 | 804 | 620 | 297 |
| Otsego..... | 251 | 118 | 191 | 2 | 184 | 145 | .... | 184 | 145 | .... |
| Ottawa..... | 2,390 | 1,056 | 1,719 | 32 | 3,381 | 2,652 | 62 | 4,401 | 2,620 | 70 |
| Presque Isle..... | 198 | 195 | .... | .... | 150 | 163 | .... | 153 | 168 | .... |
| Roscommon..... | No re | turns. | .... | .... | 54 | 184 | .... | 54 | 184 | .... |
| Saginaw..... | 2,767 | 3,099 | 1,960 | 84 | 3,982 | 5,051 | 4 | 4,182 | 4,850 | 5 |
| Sanilac..... | 1,453 | 630 | 714 | 1 | 1,910 | 1,037 | 64 | 1,896 | 1,829 | 66 |
| Schoolcraft..... | 81 | 41 | .... | .... | 119 | 104 | .... | 121 | 103 | .... |
| Shiawassee..... | 2,522 | 1,679 | 1,005 | 203 | 3,182 | 2,485 | 6 | 3,192 | 2,469 | 6 |
| St. Clair..... | 2,998 | 2,404 | 1,466 | 2 | 4,058 | 3,719 | 112 | 4,067 | 3,710 | 113 |
| St. Joseph..... | 2,263 | 909 | 2,517 | 10 | 3,152 | 2,489 | 767 | 3,165 | 2,490 | 748 |
| Tuscola..... | 1,977 | 594 | 1,094 | 3 | 2,423 | 1,338 | .... | 2,463 | 1,284 | 145 |
| Van Buren..... | 3,016 | 1,025 | 2,195 | 15 | 4,043 | 2,596 | 508 | 4,046 | 2,599 | 501 |
| Washtenaw..... | 3,338 | 3,239 | 1,302 | 244 | 4,532 | 5,150 | 2 | 4,565 | 5,117 | 8 |
| Wayne..... | 9,337 | 9,967 | 4,917 | .... | 12,242 | 15,570 | 1,011 | 12,578 | 15,076 | 1,094 |
| Wexford..... | 590 | 111 | 437 | 1 | 613 | .... | 18 | 618 | 318 | 1 |
| Total..... | 126,280 | 78,503 | 73,313 | 3,469 | 165,926 | 142,492 | 8,297 | 166,901 | 141,595 | 9,060 |
| Majority over next.. | 47,777 | .... | .... | .... | 23,434 | .... | .... | 25,306 | .... | .... |
| Per cent..... | 44.65 | 27.76 | 25.04 | 1.23 | 53.33 | 45.01 | 2.63 | 52.27 | 44.91 | 2.83 |
| Total vote..... | 282,765 | | | | 317,160 | | | 316,689 | | |

Scattering, 1878, 1,200. In 1876, Smith, Prohib. Candidate, had 769 votes for President.

The Legislature of 1879-80 stands: Republicans, 83; Democrats, 25; National or Green-back party, 19. Total, 132.

MICHIGAN—Representatives in Congress.

| 1st Dist. | 1873. | | | 1876. | | | 2d Dist. | Willits. Card. Thomas. Willits. Robin- son. | | | | |
|--|----------------------|----------------------|--------------------|----------------------|----------------------|------|---|--|-------|-------|--------|--------|
| | New- berry. R. | Will- iams. D. | Hef- ron. G. | Duf- field. R. | Will- iams. D. | .... |  | R. | D. | G. | R. | D. |
| Wayne..... | 9,894 | 8,567 | 5,763 | 12,417 | 14,474 | .... | Hilledale... | 3,805 | 959 | 2,773 | 5,142 | 2,398 |
| | | | | | | | Lenawee... | 4,647 | 2,920 | 2,414 | 6,541 | 5,566 |
| | | | | | | | Monroe... | 2,340 | 2,510 | 1,233 | 8,050 | 8,877 |
| | | | | | | | Washtenaw | 3,520 | 3,168 | 1,293 | 4,478 | 5,183 |
| Maj. over next, 1,327 | | | | | | | Total..... | 14,312 | 9,557 | 7,712 | 19,211 | 17,024 |
| Per cent... 41.16 35.26 23.72 | | | | | | | Maj. over next, 4,755 | Maj. 2,187 | | | | |
| Total vote..... 24,275 | 23,630 | | | | | | Scattering, 559 | | | | | |
| In 1876, John V. Ruehle, Greenback, had 1,736 votes, and John Russell, Prohibition, had 12 | | | | | | | Per cent... 44.48 29.70 23.97 | | | | | |
| | | | | | | | Total vote..... 32,170 | 36,879 | | | | |
| | | | | | | | In 1876, B. F. Granger, Gr., had 506 votes; R. Hathaway, Prohib., 100, and 29 scattering. | | | | | |

MICHIGAN.—Representatives in Congress. (Continued.)

| 3d Dist. | 1878. | | | 1876. | | |
|--|-----------------|------------------|-------------------|--------------------|-------------------|--|
| | Mc-Gowan. R. | Up-ton. D. | Daw-son. G. | Mc-Gowan. R. | Liver-more. D. | |
| Barry..... | 2,185 | 554 | 2,284 | 2,877 | 1,973 | |
| Branch..... | 2,907 | 664 | 2,524 | 3,563 | 2,592 | |
| Calhoun..... | 3,171 | 1,807 | 2,171 | 4,994 | 3,992 | |
| Eaton..... | 3,104 | 1,344 | 1,972 | 3,690 | 3,032 | |
| Jackson.... | 3,014 | 1,972 | 3,396 | 4,554 | 5,634 | |
| Total.... | 14,381 | 6,341 | 12,347 | 19,878 | 17,223 | |
| Maj. over next, 2,034 | | | Maj. | 2,655 | | |
| Scattering, 1,460 | | | | | | |
| Per cent.... | 41.63 | 18.36 | 35.75 | | | |
| Total vote..... | 34,529 | | | 38,344 | | |
| NOTE.—Of the scattering vote, Dickle, Prohibition, received 1,436. | | | | | | |
| In 1876, George Thomas, Gr., had 1,025, and M. C. Woodmansec, Pro., 218. | | | | | | |
| 4th Dist. | 1878. | | | 1876. | | |
| | Barrows. R. | Eldred. D. | Sher-wood. G. | Keight-ley. R. | Cham-ber. D. | |
| Berrien.... | 3,202 | 2,241 | 1,415 | 4,150 | 3,978 | |
| Cass..... | 2,271 | 1,466 | 876 | 2,752 | 2,515 | |
| Kalamazoo | 3,458 | 2,876 | 969 | 4,512 | 3,612 | |
| St. Joseph. | 2,240 | 1,094 | 2,331 | 3,252 | 3,140 | |
| Van Buren. | 3,065 | 994 | 2,170 | 4,050 | 3,085 | |
| Total.... | 14,236 | 8,171 | 7,791 | 18,716 | 16,330 | |
| Maj. over next, 6,065 | | | Maj. | 2,380 | | |
| Scattering, 19 | | | | | | |
| Per cent.... | 47.11 | 27.04 | 25.77 | | | |
| Total vote..... | 30,217 | | | 35,046 | | |
| 5th Dist. | 1878. | | | 1876. | | |
| | Stone. R. | Hoyt. D. | Com-stock. G. | Stone. R. | Harris. D. | |
| Allegan.... | 3,185 | 252 | 3,285 | 4,304 | 3,362 | |
| Ionia..... | 2,954 | 890 | 2,510 | 4,335 | 3,274 | |
| Kent..... | 5,870 | 1,036 | 6,449 | 7,623 | 7,541 | |
| Muskegon.. | 1,600 | 506 | 1,041 | 2,267 | 1,652 | |
| Ottawa..... | 2,365 | 784 | 1,988 | 3,379 | 2,697 | |
| Total.... | 15,983 | 3,468 | 15,273 | 21,908 | 18,546 | |
| Maj. over next, 710 | | | Maj. | 3,362 | | |
| Scattering, 209 | | | | | | |
| Per cent.... | 45.75 | 9.92 | 43.75 | 54.15 | 45.84 | |
| Total vote..... | 34,933 | | | 40,454 | | |
| 6th Dist. | 1878. | | | 1876. | | |
| | Brewer. R. | Curdy. D. | Mead. G. | Brewer. R. | Dun-rand. D. | |
| Clinton.... | 2,378 | 2,260 | 1,039 | 3,257 | 3,090 | |
| Genesee.... | 3,771 | 1,794 | 1,891 | 5,004 | 3,809 | |
| Ingham.... | 3,250 | 2,655 | 1,452 | 4,065 | 3,991 | |
| Livingston. | 2,454 | 2,507 | 218 | 2,745 | 2,933 | |
| Okland.... | 4,382 | 4,101 | 891 | 5,062 | 5,305 | |
| Shiawassee | 2,224 | 2,233 | 780 | 3,203 | 2,487 | |
| Total.... | 18,459 | 15,549 | 6,271 | 23,356 | 21,615 | |
| Maj. over next, 2,710 | | | Maj. | 1,741 | | |
| Scattering, 661 | | | | | | |
| Per cent.... | 45.08 | 37.99 | 15.56 | 51.93 | 48.06 | |
| Total vote..... | 40,940 | | | 44,971 | | |
| 7th Dist. | 1878. | | | 1876. | | |
| | Conger. R. | Mitchell. D. | Mal-lory. G. | Conger. R. | Chnd-well. D. | |
| Huron.... | 1,007 | 742 | 191 | 1,292 | 1,024 | |
| Lapeer.... | 2,610 | 1,936 | 341 | 3,228 | 2,493 | |
| Macomb.... | 2,012 | 2,437 | 617 | 2,981 | 3,499 | |
| Sanilac.... | 1,392 | 719 | 686 | 1,863 | 1,058 | |
| St. Clair.... | 2,963 | 2,473 | 1,420 | 4,013 | 3,731 | |
| Tuscola.... | 1,965 | 633 | 1,061 | 2,421 | 1,372 | |
| Total.... | 11,939 | 8,940 | 4,316 | 15,818 | 13,177 | |
| Maj. over next, 2,999 | | | Maj. | 2,641 | | |
| Scattering, 19 | | | | | | |
| Per cent.... | 47.35 | 35.43 | 17.11 | 54.55 | 45.44 | |
| Total vote..... | 25,214 | | | 23,935 | | |
| 8th Dist. | 1878. | | | 1876. | | |
| | Horr. R. | Thomp-son. D. | Hoyt. G. | Ellis-worth. R. | Rotter. D. | |
| Alcona.... | 217 | 210 | 19 | 144 | 173 | |
| Alpena.... | 609 | 723 | 104 | 622 | 635 | |
| Bay..... | 1,402 | 1,607 | 1,881 | 2,483 | 2,865 | |
| Cheboygan | 261 | 272 | 187 | 268 | 439 | |
| Clare..... | 245 | 135 | 190 | 296 | 212 | |
| Emmet..... | 401 | 368 | 146 | 309 | 432 | |
| Gladwin.... | 145 | 62 | 14 | 108 | 138 | |
| Gratiot.... | 1,626 | 792 | 1,157 | 2,142 | 1,496 | |
| Iosco..... | 459 | 302 | 189 | 460 | 374 | |
| Isabella.. | 844 | 441 | 420 | 1,017 | 719 | |
| Midland.... | 595 | 129 | 560 | 661 | 478 | |
| Montcalm.. | 2,180 | 1,135 | 1,524 | 3,149 | 2,463 | |
| Ogemaw.... | 117 | 71 | 105 | 98 | 94 | |
| Presque Isle | 186 | 194 | 13 | 155 | 157 | |
| Saginaw.... | 2,708 | 3,130 | 1,920 | 4,132 | 4,006 | |
| Total.... | 11,933 | 9,571 | 8,500 | 16,098 | 15,760 | |
| Maj. over next, 2,422 | | | Maj. | 338 | | |
| Scattering, 137 | | | | | | |
| Per cent.... | 39.71 | 31.69 | 28.14 | | | |
| Total vote..... | 30,201 | | | 31,858 | | |
| 9th Dist. | 1878. | | | 1876. | | |
| | Hubbell. R. | Power. D. | Par-me-lee. G. | Hubbell. R. | Kilb. D. | |
| Antrim.... | 351 | 36 | 249 | 472 | 282 | |
| Baraga.... | 156 | 183 | .... | 223 | 228 | |
| Benzle.... | 814 | 31 | 247 | 459 | 202 | |
| Charlevoix. | 508 | 61 | 152 | 415 | 199 | |
| Chippewa.. | 271 | 310 | .... | 167 | 286 | |
| Delta..... | 580 | 254 | .... | 531 | 421 | |
| Gr. Traverse | 793 | 101 | 384 | 969 | 350 | |
| Houghton.. | 1,820 | 1,183 | .... | 2,266 | 1,437 | |
| Isle Royal.. | .... | .... | .... | 12 | 43 | |
| Kalkaska.. | 328 | 110 | 135 | 372 | 139 | |
| Keweenaw. | 441 | 374 | 1 | 732 | 416 | |
| Lake..... | 301 | 111 | 126 | 410 | 210 | |
| Leelanaw.. | 367 | 296 | 191 | 624 | 419 | |
| Mackinaw.. | 47 | 184 | .... | 73 | 204 | |
| Manistee.. | 591 | 803 | 353 | 869 | 909 | |
| Manitou.... | 33 | 154 | .... | 34 | 93 | |
| Marquette.. | 2,021 | 1,000 | 46 | 2,082 | 1,599 | |
| Mason..... | 629 | 379 | 439 | 926 | 730 | |
| Mecosta.... | 1,179 | 306 | 744 | 1,323 | 1,020 | |
| Menominee | 800 | 479 | 2 | 475 | 267 | |
| Missaukee. | 157 | .... | 43 | 141 | 128 | |
| Newaygo.. | 964 | 264 | 1,172 | 1,314 | 1,008 | |
| Oceana.... | 913 | 183 | 748 | 1,367 | 606 | |
| Ontonagon. | 182 | 224 | 65 | 283 | 243 | |
| Osceola.... | 647 | 230 | 268 | 800 | 637 | |
| Otsego..... | 245 | 113 | 192 | 184 | 144 | |
| Schoolcraft | 99 | 24 | .... | 115 | 84 | |
| Wexford.... | 523 | 85 | 452 | 596 | 352 | |
| Total.... | 15,264 | 7,478 | 6,014 | 18,224 | 12,656 | |
| Maj. over next, 7,786 | | | Maj. | 5,568 | | |
| Scattering, 179 | | | | | | |
| Per cent.... | 52.75 | 25.84 | 20.78 | | | |
| Total vote..... | 28,933 | | | 30,880 | | |
| Total vote in State on Congressmen. | | | | | | |
| | | | 1878. | 1876. | | |
| Republican..... | | | 126,461 | 164,626 | | |
| Democratic..... | | | 93,350 | 147,002 | | |
| Greenback..... | | | 13,984 | 8,506 | | |
| Scattering..... | | | 3,327 | 465 | | |
| | | | 297,122 | 315,569 | | |

MISSISSIPPI.—Representatives in Congress. (Continued.)

| 1878. | | | | 1876. | | | | |
|----------------------------------|------------|------------|-----------|---|-----------|-----------|--------------|--------|
| Third District. | | | | Fifth District. | | | | |
| Money. | D. | Money. | Chisholm. | Hooker. | Deason. | Hooker. | Shaughnessy. | |
| | | | R. | D. | R. | D. | R. | |
| Atalla..... | 593 | 1,997 | 975 | Amite..... | 201 | 5 | 1,477 | 73 |
| Calhoun..... | 309 | 1,801 | 117 | Copiah..... | 1,029 | 21 | 2,615 | 1,639 |
| Carroll..... | 324 | 2,008 | 996 | Covington..... | 190 | 1 | 623 | 281 |
| Choctaw..... | 214 | 968 | 155 | Franklin..... | 246 | 2 | 921 | 432 |
| Grenada..... | ..... | 1,297 | 625 | Greene..... | 48 | 3 | 380 | 58 |
| Kemper..... | 223 | 1,573 | 890 | Hancock..... | 60 | 71 | 547 | 304 |
| Leflore..... | 191 | 1,367 | 696 | Harrison..... | 223 | 33 | 752 | 301 |
| Montgomery..... | 360 | 1,545 | 415 | Hinds..... | 524 | 12 | 4,416 | 1,473 |
| Neshoba..... | 126 | 1,106 | 119 | Jackson..... | 238 | 40 | 890 | 340 |
| Noxubee..... | 527 | 1,632 | 1,405 | Lawrence..... | 362 | 17 | 852 | 621 |
| Sunflower..... | 630 | 523 | 234 | Lincoln..... | 235 | 257 | 1,280 | 866 |
| Winston..... | 326 | 1,177 | 237 | Marion..... | 213 | 5 | 458 | 240 |
| Sumner..... | 205 | 989 | 406 | Pearl..... | ..... | ..... | 182 | 11 |
| Total..... | 4,02 | 17,953 | 6,320 | Perry..... | ..... | ..... | 339 | 24 |
| Majority..... | 4,025 | 11,633 | ..... | Pike..... | 843 | 151 | 1,586 | 862 |
| Scattering votes, 12 | ..... | ..... | ..... | Rankin..... | 557 | 45 | 1,800 | 776 |
| Per cent..... | 99.72 | ..... | ..... | Simpson..... | 252 | 23 | 790 | 339 |
| Total vote, 4,040. | ..... | 24,270 | ..... | Total..... | 4,816 | 686 | 19,858 | 8,646 |
| No opposition candidate in 1878. | ..... | ..... | ..... | Majority..... | 4,130 | ..... | 11,212 | ..... |
| Fourth District. | Singleton. | Singleton. | Hancock. | Per cent..... | 87.35 | 12.44 | ..... | ..... |
| | D. | D. | R. | Total vote..... | 5,513 | ..... | 28,504 | ..... |
| Clark..... | 386 | 1,443 | 805 | Sixth District. | Chalmers. | Castello. | Chalmers. | Lynch. |
| Holmes..... | 578 | 2,612 | 1,149 | | D. | R. | D. | R. |
| Jasper..... | 377 | ..... | ..... | Adams..... | 718 | 1,208 | 1,684 | 2,265 |
| Jones..... | 86 | 338 | 18 | Bolivar..... | 230 | ..... | 1,298 | 2,073 |
| Lauderdale..... | 290 | 2,089 | 587 | Claiborne..... | 631 | 32 | 1,498 | 423 |
| Leake..... | 439 | 1,474 | 441 | Coahoma..... | 305 | 2 | 1,072 | 1,162 |
| Madison..... | 1,037 | 1,466 | 10 | Issaquena..... | 137 | ..... | 939 | 909 |
| Newton..... | 369 | 1,642 | 800 | Jefferson..... | 582 | 5 | 1,545 | 419 |
| Scott..... | 260 | 1,366 | 49 | Quitman..... | 60 | ..... | ..... | ..... |
| Smith..... | 293 | 1,115 | ..... | Sharkey..... | 338 | ..... | 591 | 92 |
| Wayne..... | 118 | 621 | 464 | Tunica..... | 142 | 1 | 958 | 1,397 |
| Yazoo..... | 417 | 3,678 | 2 | Warren..... | 2,069 | 9 | 2,043 | 623 |
| Total..... | 4,650 | 19,130 | 4,547 | Washington..... | 240 | ..... | 2,905 | 1,598 |
| Scattering votes, 21 | ..... | ..... | ..... | Wilkinson..... | 1,196 | 113 | 1,255 | 1,425 |
| Majority..... | 4,620 | 14,583 | ..... | Total..... | 6,663 | 1,370 | 15,788 | 12,386 |
| Per cent..... | 99.33 | ..... | ..... | Scattering votes, 21 | ..... | ..... | ..... | ..... |
| Total vote, 4,681. | ..... | 23,677 | ..... | Majority..... | 5,293 | ..... | ..... | ..... |
| No opposition candidate in 1878. | ..... | ..... | ..... | Per cent..... | 82.72 | 17.00 | ..... | ..... |
|  | ..... | ..... | ..... | Total vote... 8,054 | ..... | ..... | 28,174 | ..... |
|  | ..... | ..... | ..... | Total vote of State, 1878, 49,631. Total | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | vote, 1876, 64,778; 1877, 97,550. | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | In 1876, Tilden, Dem., received 112,173 | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | votes, and Hayes, Rep., 52,605 votes for Presi- | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | dent. In 1877, Stone, Dem., had 96,382 votes | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | for Governor, there being no Republican | ..... | ..... | ..... | ..... |
|  | ..... | ..... | ..... | ticket, but 1,165 scattering votes. | ..... | ..... | ..... | ..... |

MISSOURI.—Representatives in Congress.

| 1. COUNTIES. | | | | | 2. COUNTIES. | | | | |
|-------------------------------------|---------|--------|---------|-------|---|-------|--------|-------|-------|
| Clardy. | Ziegen- | Esh- | Wester- | | Wells. | Cole. | Hogan. | Hos- | |
| D. | hein. | baugh. | meyer. | | D. | R. | G. | feld. | |
| | R. | G. | S. | | | | | S. | |
| St. Louis 1st, 2d, and 3d wards. | 2,641 | 3,542 | 808 | 1,110 | St. Louis 4th, 6th, 7th, and 8th wards..... | 6,216 | 5,640 | 2,316 | 499 |
| Carondelet..... | 285 | 462 | 6 | ..... | St. Louis..... | 1,453 | 1,763 | 75 | ..... |
| Madison..... | 773 | 280 | 294 | ..... | Total.. | 7,669 | 7,403 | 2,391 | 499 |
| Jefferson..... | 1,719 | 786 | 710 | ..... | Maj. over next.. | 266 | ..... | ..... | ..... |
| Washington..... | 1,377 | 449 | 352 | ..... | Per cent..... | 42.69 | 41.21 | 13.31 | ..... |
| St. Francois..... | 1,575 | 434 | 189 | ..... | Total vote..... | ..... | 17,962 | ..... | ..... |
| Ste. Genevieve.. | 1,067 | 536 | 117 | ..... |  |  |  |  |  |
| Total..... | 9,437 | 6,489 | 2,476 | 1,110 | | | | | |
| Maj. over next.. | 2,948 | ..... | ..... | ..... |  |  |  |  |  |
| Per cent..... | 48.36 | 33.25 | 12.68 | 5.66 | | | | | |
| Total vote..... | ..... | 19,512 | ..... | ..... |  |  |  |  |  |

MISSOURI. Representatives in Congress. (Continued.)

| 3. COUNTIES. | Frost. Metcalfe. | | Van Dillen. Dillen. G. | Bartholomew. S. | 6. COUNTIES. | Waddill. Burton. Ritchey. | | | Scattering. |
|--|------------------|--------|------------------------|-----------------|------------------|---------------------------|---------------|--------|-------------|
| | D. | R. | | | | D. | R. | G. | |
| St. Louis 9th, 10th, 11th, and 12th wards... | 6,341 | 4,726 | 2,140 | 1,146 | Greene | 1,456 | 1,434 | 1,922 | ..... |
| St. Ferdinand and St. Louis townships.... | 898 | 593 | 73 | ..... | Barry | 1,077 | 771 | 804 | ..... |
| Total | 7,237 | 5,319 | 2,218 | 1,140 | McDonald | 636 | 105 | 499 | ..... |
| Maj. over next. | 1,918 | | | | Newton | 1,200 | 660 | 1,210 | ..... |
| Per cent | 45.47 | 33.42 | 13.90 | 7.20 | Jasper | 2,235 | 2,096 | 1,722 | ..... |
| Total vote | | 15,915 | | | Barton | 530 | 341 | 714 | ..... |
| | | | | | Vernon | 1,579 | 494 | 551 | ..... |
| | | | | | St. Clair | 696 | 628 | 1,061 | 2 |
| | | | | | Bates | 2,311 | 919 | 673 | ..... |
| | | | | | Cedar | 783 | 767 | 328 | ..... |
| | | | | | Dade | 767 | 1,055 | 306 | ..... |
| | | | | | Lawrence | 1,281 | 1,192 | 453 | 1 |
| | | | | | Henry | 2,145 | 678 | 663 | ..... |
| | | | | | Webster | 972 | 482 | 567 | ..... |
| 4. COUNTIES. | | | | | Total | 17,769 | 11,622 | 11,004 | 3 |
| Ironton | 642 | 15 | 42 | 1 | Maj. over next. | 6,147 | | | |
| Bollinger | 996 | 472 | ..... | ..... | Per cent | 43.98 | 28.76 | 27.22 | |
| Cape Girardeau | 2,153 | 586 | 24 | ..... | Total vote | | 40,393 | | |
| Scott | 718 | 761 | 18 | ..... |  |  |  |  |  |
| Mississippi | 375 | 787 | 320 | ..... | 7. COUNTIES. | | | | |
| New Madrid | 888 | 322 | ..... | ..... | Lay. D. | | Atherwood. R. | | Boyd. G. |
| Pemiscot | 609 | 189 | ..... | ..... | Cole | 1,846 | 835 | | 1,35 |
| Dunklin | 580 | 728 | ..... | 1 | Miller | 621 | 660 | | 426 |
| Stoddard | 497 | 1,296 | 102 | 1 | Camden | 877 | 322 | | 271 |
| Butler | 295 | 556 | 8 | ..... | Hickory | 308 | 499 | | 393 |
| Ripley | 486 | 112 | 1 | ..... | Polk | 975 | 184 | | 639 |
| Oregon | 602 | 194 | 6 | ..... | Dallas | 832 | 494 | | 604 |
| Carter | 173 | 62 | 33 | ..... | La Fayette | 2,919 | 938 | | 455 |
| Reynolds | 614 | 117 | 70 | ..... | Johnson | 2,362 | 1,127 | | 759 |
| Wayne | 895 | 450 | 59 | ..... | Pettis | 2,332 | 865 | | 1,400 |
| Perry | 1,579 | 187 | 75 | ..... | Moniteau | 1,256 | 230 | | 1,177 |
| Total | 12,052 | 6,834 | 758 | 3 | Morgan | 899 | 16 | | 701 |
| Maj. over next. | 5,218 | | | | Benton | 771 | 738 | | 332 |
| Per cent | 61.34 | 34.78 | 3.85 | | Cooper | 1,912 | 862 | | 1,498 |
| Total vote | | 19,647 | | | Total | 16,960 | 7,170 | | 8,810 |
| | | | | | Maj. over next. | 8,150 | | | |
| | | | | | Per cent | 51.48 | 21.76 | 26.74 | |
| | | | | | Total vote | | 32,940 | | |
| 5. COUNTIES. | | | | | 8. COUNTIES. | | | | |
| Bland. D. | | G. | I. G. | Scattering. | Sawyer. I. D. | | Crisp. D. | | Jeffers. G. |
| Phelps | 1,069 | 844 | ..... | 1 | Cass | 2,339 | 1,133 | | 264 |
| Franklin | 2,249 | 1,519 | 11 | ..... | Jackson | 5,041 | 3,581 | | 712 |
| Crawford | 920 | 395 | 2 | 26 | Clay | 529 | 2,701 | | 130 |
| Dent | 800 | 103 | 3 | ..... | Platte | 1,818 | 1,497 | | 91 |
| Shannon | 457 | 39 | ..... | ..... | Total | 9,727 | 8,917 | | 1,237 |
| Howell | 611 | 542 | ..... | ..... | Maj. over next. | 810 | | | |
| Ozark | 227 | 505 | ..... | ..... | Per cent | 48.95 | 44.87 | 6.17 | |
| Taney | 215 | 472 | ..... | ..... | Total vote | | 19,871 | | |
| Christian | 394 | 524 | 574 | ..... | 9. COUNTIES. | | | | |
| Douglas | 147 | 700 | ..... | ..... | Rea. D. | | Ford. G. | | Scattering. |
| Stone | 135 | 101 | ..... | ..... | Buchanan | 3,194 | 3,218 | | 2 |
| Wright | 446 | 436 | 20 | ..... | Andrew | 1,430 | 1,824 |  | ..... |
| Texas | 1,031 | 541 | ..... | ..... | Holt | 1,194 | 1,064 | | 33 |
| Laclede | 835 | 1,040 | 1 | ..... | Atchison | 1,119 | 1,420 |  | ..... |
| Pulaski | 780 | 112 | ..... | ..... | Nodaway | 1,738 | 2,704 | | 1 |
| Maries | 924 | 149 | ..... | ..... | Worth | 639 | 737 |  | ..... |
| Total | 11,291 | 8,023 | 621 | 27 | Gentry | 1,357 | 1,418 | | 1 |
| Maj. over next. | 3,263 | | | | DeKalb | 1,010 | 1,105 | | 2 |
| Per cent | 56.56 | 40.19 | 3.10 | | Clinton | 1,610 | 1,304 |  | ..... |
| Total vote | | 19,950 | | | Caldwell | 926 | 1,311 |  | ..... |
| | | | | | Ray | 2,040 | 1,883 |  | ..... |
| | | | | | Total | 16,257 | 17,430 | | 39 |
| | | | | | Maj. over next. | 1,173 | | | |
| | | | | | Per cent | 43.20 | 51.68 | | |
| | | | | | Total vote | | 33,726 | | |

MISSOURI.—Representatives in Congress. (Continued.)

| 10. COUNTIES. | Rothwell. D. | Broad- dus. G. | Pollard. R. | Scat- tering. |
|-----------------|-----------------|----------------------|----------------|------------------|
| Randolph..... | 2,756 | 858 | 688 | .... |
| Chariton..... | 2,440 | 923 | 1,027 | .... |
| Linn..... | 1,800 | 349 | 1,501 | .... |
| Sullivan..... | 1,588 | 191 | 1,378 | .... |
| Mercer..... | 654 | 775 | 1,081 | .... |
| Grundy..... | 1,042 | 163 | 1,540 | .... |
| Livingston..... | 1,559 | 1,488 | 746 | .... |
| Davies..... | 1,817 | 449 | 1,336 | 1 |
| Harrison..... | 1,137 | 486 | 1,638 | .... |
| Total..... | 14,733 | 5,632 | 10,875 | 1 |
| Maj. over next. | 3,918 | | | |
| Per cent..... | 47.15 | 13.12 | 34.68 | |
| Total vote..... | | 31,251 | | |

| 11. COUNTIES. | Clark, Jr. D. | Scattering. |
|-----------------|------------------|-------------|
| Callaway..... | 3,839 | .... |
| Boone..... | 4,184 | 30 |
| Howard..... | 2,331 | 3 |
| Saline..... | 2,912 | .... |
| Carroll..... | 1,965 | 35 |
| Osage..... | 998 | 1 |
| Gasconade..... | 372 | 113 |
| Total..... | 16,600 | 183 |
| Per cent..... | 98.01 | |
| Total vote..... | | 16,783 |

| 12. COUNTIES. | D. | G. | R. | Scat- tering. |
|-----------------|--------|--------|-------|------------------|
| Adair..... | 726 | 797 | 1,254 | .... |
| Clark..... | 1,556 | 408 | 1,021 | .... |
| Marion..... | 2,163 | 848 | 536 | .... |
| Knox..... | 1,165 | 1,142 | 44 | 114 |
| Lewis..... | 1,813 | 1,105 | 191 | .... |
| Macon..... | 2,095 | 2,167 | 283 | .... |
| Shelby..... | 1,249 | 1,198 | 42 | .... |
| Scotland..... | 1,156 | 1,159 | 25 | .... |
| Schuyler..... | 887 | 824 | 155 | 8 |
| Putnam..... | 350 | 873 | 1,028 | .... |
| Total..... | 12,463 | 10,597 | 4,578 | 117 |
| Maj. over next. | 1,866 | | | |
| Per cent..... | 44.90 | 88.18 | 16.49 | |
| Total vote..... | | 27,755 | | |

| 13. COUNTIES. | D. | G. | R. | Scat- tering. |
|------------------|--------|--------|-------|------------------|
| Audrath..... | 1,601 | 1,093 | .... | .... |
| Monroe..... | 3,768 | 337 | .... | 6 |
| Montgomery..... | 1,489 | 1,439 | .... | 1 |
| Pike..... | 2,580 | 2,783 | .... | .... |
| Lincoln..... | 1,755 | 1,532 | 13 | .... |
| St. Charles..... | 2,434 | 141 | 1,928 | .... |
| Ralls..... | 1,467 | 644 | .... | .... |
| Warren..... | 897 | 514 | 224 | 4 |
| Total..... | 15,501 | 8,575 | 2,164 | 11 |
| Maj. over next. | 7,016 | | | |
| Per cent..... | 59.22 | 32.02 | 8.21 | |
| Total vote..... | | 26,341 | | |

REPRESENTATIVES IN 1876.

| District. | | |
|------------------------------|--|--------|
| 1. Anthony Ittner, R..... | | 7,043 |
| E. C. Kehr, D..... | | 6,884 |
| 2. Nathan Cole, R..... | | 7,816 |
| Krastus Wells, D..... | | 7,036 |
| 3. L. S. Metcalfe, R..... | | 8,001 |
| R. Graham Frost, D..... | | 8,072 |
| 4. L. Davis, R..... | | 3,953 |
| R. A. Hatcher, D..... | | 21,840 |
| W. Ballentine R..... | | 1,737 |
| 5. J. Q. Thompson, R..... | | 11,424 |
| Rich. P. Bland, D..... | | 14,500 |
| 6. H. E. Havens, R..... | | 17,857 |
| Chas. H. Morgan, D..... | | 18,081 |
| 7. John H. Stover, R..... | | 15,353 |
| T. T. Crittenden, D..... | | 18,700 |
| 8. D. S. Twitchell, R..... | | 7,166 |
| B. J. Franklin, D..... | | 15,220 |
| 9. Benj. F. Loan, R..... | | 13,248 |
| David Rea, D..... | | 15,715 |
| 10. Har. Pollard, R..... | | 16,583 |
| R. A. DeBolt, D..... | | 15,802 |
| 11. M. L. DeMotte, R..... | | 9,015 |
| J. B. Clarke, Jr., D..... | | 21,671 |
| 12. J. T. K. Hayward, R..... | | 11,616 |
| John M. Glover, D..... | | 16,153 |
| 13. T. B. Robinson, Ind.,... | | 4,715 |
| A. H. Buckner, D..... | | 22,578 |
| S. Clarkson, Ind..... | | 905 |

The State having been re-districted since 1876, comparison by counties and districts with that year's vote is not possible.

In the St. Louis Districts, S. stands for the Socialist or Labor Party.

The Legislature of 1878-79, stands: Democrats, 123; Republicans, 18; National Green-back Party, 20; Independent. 11—total, 177.

TERRITORY OF MONTANA.—Delegate to Congress.

| COUNTIES—10. | 1878. | | 1876. | |
|--------------------------|---------------|--------------|---------------|--------------|
| | Magnin. D. | Orr. Ind. | Magnin. D. | Orr. Ind. |
| Beaverhead..... | 451 | 174 | 440 | 400 |
| Choteau..... | 437 | 7 | 303 | 40 |
| Custer (new county)..... | 212 | 1 | | |
| Deer Lodge..... | 1,742 | 683 | 600 | 1,200 |
| Gallatin..... | 544 | 300 | 600 | 1,100 |
| Jefferson..... | 298 | 204 | 200 | 200 |
| Lewis and Clarke..... | 1,163 | 687 | 300 | 200 |
| Madison..... | 681 | 404 | 400 | 400 |
| Meagher..... | 418 | 149 | 200 | 200 |
| Missoula..... | 514 | 76 | 200 | 100 |
| Total..... | 6,445 | 2,001 | 2,000 | 2,000 |
| Majority over next. | 3,728 | | 44 | |
| Per cent..... | 70.17 | 29.83 | 50.00 | 43.77 |
| Total vote..... | | 9,213 | | 6,007 |

STATE OF NEBRASKA.—Congress and Supreme Court. 1878.

| COUNTIES—62. | Judge of Sup. Court. | | Member 46th Con. | | President—1876. | |
|-----------------------|----------------------|-------------|------------------|--------------|-----------------|---------------|
| | Cobb. R. | Howe. D. | Valentine R. | Davis. D. | Hayes. R. | Tilden. D. |
| Adams..... | 757 | 267 | 773 | 266 | 767 | 204 |
| Antelope..... | 165 | 139 | 166 | 134 | 206 | 65 |
| Boone..... | 270 | 90 | 263 | 97 | 262 | 45 |
| Buffalo..... | 544 | 204 | 547 | 202 | 491 | 160 |
| Burt..... | 390 | 515 | 372 | 525 | 674 | 310 |
| Butler..... | 484 | 581 | 486 | 558 | 583 | 418 |
| Cass..... | 1,061 | 994 | 989 | 1,050 | 1,367 | 901 |
| Cedar..... | 131 | 243 | 131 | 240 | 144 | 287 |
| Cheyenne..... | 180 | 232 | 193 | 272 | 103 | 300 |
| Clay..... | 846 | 310 | 848 | 301 | 1,037 | 341 |
| Colfax..... | 454 | 452 | 463 | 440 | 465 | 453 |
| Cuming..... | 357 | 424 | 502 | 276 | 408 | 496 |
| Custar (New Co.)..... | 22 | 36 | 22 | 44 | .... | .... |
| Dakota..... | 205 | 312 | 215 | 302 | .... | .... |
| Dawson..... | 154 | 99 | 153 | 100 | 171 | 76 |
| Dixon..... | 849 | 294 | 854 | 283 | 363 | 294 |
| Dodge..... | 936 | 892 | .... | .... | 964 | 956 |
| Douglas..... | 1,037 | 2,391 | 2,066 | 2,257 | 2,342 | 2,270 |
| Fillmore..... | 880 | 367 | 879 | 376 | 839 | 251 |
| Franklin..... | 311 | 198 | 307 | 196 | 357 | 157 |
| Frontier..... | 341 | 15 | 38 | 15 | .... | .... |
| Furnas..... | 166 | 101 | 176 | 92 | 201 | 64 |
| Gage..... | 610 | 572 | 613 | 569 | 847 | 242 |
| Greeley..... | 75 | 67 | 75 | 67 | 28 | 3 |
| Gosper..... | 9 | 11 | 9 | 11 | 23 | 9 |
| Hall..... | 706 | 354 | 761 | 301 | 720 | 295 |
| Hamilton..... | 465 | 362 | 454 | 366 | 637 | 31 |
| Harlan..... | 397 | 141 | 398 | 137 | 342 | 115 |
| Hitchcock..... | 20 | 21 | 20 | 21 | 16 | 10 |
| Howard..... | 281 | 169 | 296 | 154 | 292 | 84 |
| Holt..... | 71 | 165 | 105 | 130 | 22 | .... |
| Jefferson..... | 472 | 470 | 473 | 471 | 531 | 137 |
| Johnson..... | 595 | 403 | 599 | 395 | 697 | 376 |
| Kearney..... | 267 | 112 | 257 | 119 | 186 | 42 |
| Keith..... | 11 | 58 | 7 | 57 | 16 | 55 |
| Knox..... | 249 | 115 | 278 | 86 | 216 | 50 |
| Lancaster..... | 1,061 | 837 | 1,372 | 922 | 1,951 | 711 |
| Lincoln..... | 273 | 254 | 283 | 246 | 251 | 239 |
| Madison..... | 366 | 372 | 378 | 330 | 366 | 299 |
| Merrick..... | 540 | 272 | 528 | 277 | 564 | 205 |
| Nemaha..... | 903 | 863 | 880 | 861 | 1,067 | 603 |
| Nuckolls..... | 225 | 176 | 225 | 169 | 213 | 94 |
| Otoe..... | 1,256 | 787 | 1,233 | 801 | 1,256 | 1,067 |
| Pawnee..... | 560 | 324 | 599 | 289 | 751 | 165 |
| Phelps..... | 176 | 4 | 176 | 4 | 61 | 8 |
| Pierce..... | 22 | 115 | 47 | 90 | 20 | 101 |
| Platte..... | 530 | 528 | 502 | 530 | 514 | 530 |
| Polk..... | 511 | 111 | 518 | 104 | 548 | 79 |
| Red Willow..... | 57 | 52 | 60 | 50 | 82 | 20 |
| Richardson..... | 1,051 | 1,290 | 1,060 | 1,209 | 1,264 | 1,076 |
| Saline..... | 930 | 918 | 921 | 919 | 1,053 | 469 |
| Sarpy..... | 339 | 469 | 332 | 453 | 391 | 421 |
| Saunders..... | 815 | 1,399 | 834 | 1,368 | 1,106 | 464 |
| Seward..... | 772 | 643 | 769 | 645 | 905 | 325 |
| Sherman..... | 99 | 24 | 99 | 24 | 61 | 39 |
| Stanton..... | 121 | 172 | 137 | 150 | 126 | 131 |
| Thayer..... | 417 | 215 | 416 | 247 | 353 | 123 |
| Valley..... | 170 | 25 | 173 | 21 | 182 | 6 |
| Washington..... | 811 | 556 | 817 | 469 | 977 | 462 |
| Wayne..... | 68 | 24 | 66 | 24 | 49 | 13 |
| Webster..... | 485 | 243 | 485 | 246 | 509 | 116 |
| York..... | 612 | 332 | 624 | 329 | 504 | 293 |
| Total..... | 28,956 | 23,191 | 28,341 | 21,752 | 31,916 | 17,554 |
| Majority..... | 5,765 | | 6,589 | | 14,362 | |
| Per cent..... | 55.52 | 44.07 | 56.57 | 43.42 | 64.51 | 35.48 |
| Total vote..... | 52,158 | | 50,247 | | 51,806 | |

Cooper, Greenback, for President, received 2,336 votes in 1876.

The Legislature of 1878-79 stands: Rep., 75; Dem., 17; Nat. Greenback, 22—total, 113.

NEVADA.

| COUNTIES—14. | Governor, 1878. | | Representative in Congress. | | | | President, 1876. | |
|-----------------|-------------------|-------|-----------------------------|------------|------------|--------------|------------------|--------------|
| | Kinkead. Bradley. | | 1878 | | 1876 | | Hayes. Rep. | Tilden. Dem. |
| | Rep. | Dem. | Daggett. Rep. | Deal. Dem. | Wren. Rep. | Fillis. Dem. | | |
| Churchill..... | 65 | 74 | 67 | 72 | 29 | 40 | 34 | 46 |
| Douglass..... | 257 | 232 | 276 | 211 | 295 | 200 | 332 | 179 |
| Elko..... | 757 | 1,109 | 887 | 971 | 759 | 815 | 763 | 820 |
| Esmeralda..... | 456 | 535 | 500 | 490 | 353 | 387 | 370 | 373 |
| Eureka..... | 1,079 | 1,058 | 1,105 | 1,019 | 884 | 655 | 779 | 769 |
| Humboldt..... | 508 | 455 | 434 | 524 | 387 | 492 | 394 | 500 |
| Lander..... | 441 | 620 | 449 | 610 | 354 | 399 | 380 | 525 |
| Lincoln..... | 355 | 429 | 367 | 417 | 364 | 534 | 359 | 393 |
| Lyon..... | 389 | 207 | 368 | 233 | 500 | 332 | 533 | 305 |
| Nye..... | 298 | 384 | 305 | 364 | 436 | 425 | 429 | 436 |
| Ormsby..... | 638 | 400 | 638 | 400 | 818 | 529 | 844 | 500 |
| Storey..... | 3,216 | 2,491 | 3,024 | 2,668 | 3,575 | 3,319 | 3,692 | 3,226 |
| Washoe..... | 740 | 673 | 794 | 618 | 896 | 656 | 906 | 662 |
| White Pine..... | 479 | 484 | 513 | 450 | 591 | 533 | 568 | 568 |
| Total..... | 9,678 | 9,151 | 9,727 | 9,047 | 10,241 | 9,330 | 10,383 | 9,308 |
| Majority..... | 527 | | 680 | | 911 | | 1,075 | |
| Per cent..... | 51.40 | 43.00 | 51.82 | 48.18 | 52.32 | 47.68 | 52.73 | 47.27 |
| Total vote..... | 18,829 | | 18,774 | | 19,571 | | 17,691 | |

The Legislature of 1879 stands : Republicans, 61 ; Democrats, 14.

STATE OF NEW HAMPSHIRE.—State Ticket—Governor, Nov., 1878.

| COUNTIES—10. | GOVERNOR, 1878. | | | | GOVERNOR, 1877. | | PRESIDENT, 1876. | |
|---------------------|-----------------|------------|-----------|-------------|-----------------|-----------|------------------|------------|
| | Head. R. | McKean. D. | Brown. G. | Scattering. | Prescott. R. | Marcy. D. | Hayes. R. | Tilden. D. |
| Belknap..... | 1,898 | 1,973 | 268 | 8 | 2,006 | 2,252 | 2,027 | 2,303 |
| Carroll..... | 1,786 | 2,076 | 454 | 7 | 2,017 | 2,553 | 2,016 | 2,474 |
| Cheshire..... | 3,729 | 2,423 | 373 | 23 | 3,925 | 2,668 | 4,162 | 2,934 |
| Coos..... | 1,285 | 1,868 | 486 | 16 | 1,673 | 2,103 | 1,679 | 2,130 |
| Grafton..... | 4,285 | 4,208 | 839 | 3 | 4,677 | 4,852 | 4,763 | 5,091 |
| Hillsborough..... | 7,548 | 5,156 | 1,400 | 20 | 7,900 | 6,296 | 8,190 | 6,790 |
| Merrimack..... | 5,433 | 4,632 | 763 | 28 | 5,599 | 5,417 | 5,660 | 5,687 |
| Rockingham..... | 5,997 | 4,316 | 980 | 24 | 6,376 | 5,429 | 6,422 | 5,576 |
| Strafford..... | 3,794 | 2,619 | 720 | 5 | 4,036 | 3,194 | 4,052 | 3,363 |
| Sullivan..... | 2,420 | 1,844 | 222 | 3 | 2,546 | 1,957 | 2,568 | 2,106 |
| Aggregates..... | 38,175 | 31,135 | 6,507 | 142 | 40,755 | 36,721 | 41,539 | 38,509 |
| Maj. over all..... | 391 | | | | 4,034 | | 8,030 | |
| Maj. over next..... | | | | | 52.60 | 47.40 | 51.89 | 46.11 |
| Per cent..... | 50.25 | 40.98 | 8.56 | .18 | | | | |
| Total vote..... | | 75,959 | | | 77,873 | | 80,048 | |

In March, 1878, an election for Governor was held, at which B. F. Prescott was chosen for the last annual term (June, 1878-9). The Nov., 1878, election was for the first biennial term of Governor under the new State Constitution. The vote in March, 1878, was—Prescott, Rep., 39,427 ; McKean, Dem., 36,860 ; scattering, 576—total, 77,863.

The Legislature elected, Nov., 1878, stands : House, Rep. 168, Dem. 100, Gr. 11, vacancies, 20—total, 299 ; Senate, Rep. 20, Dem. 4—total, 24. Rep. majority on joint ballot, 73.

NEW HAMPSHIRE.—Representatives in Congress.

| COUNTIES—10. | NOVEMBER, 1878. | | | | MARCH, 1877. | |
|-------------------------------|-----------------|----------------------------|----------------------------|------------------|---------------------|----------------------|
| | Hall. R. | Norris. D. | Ches- ley. G. | Scat- tering. | Mars- ton. R. | Jones. D. |
| 1st District—Belknap..... | 1,899 | 1,977 | 261 | ..... | 1,991 | 2,290 |
| Carroll..... | 1,795 | 2,068 | 416 | 27 | 1,990 | 2,579 |
| Rockingham..... | 5,991 | 4,354 | 920 | 15 | 6,205 | 5,596 |
| Strafford..... | 3,825 | 2,609 | 687 | ..... | 3,695 | 3,459 |
| Total..... | 13,510 | 11,026 | 2,284 | 42 | 13,881 | 13,924 |
| Majority over all..... | 158 | | | | | 43 |
| Per cent..... | 50.29 | 41.04 | 8.49 | .15 | 49.92 | 50.07 |
| Total vote..... | | 26,863 | | | | 27,805 |
| | Briggs. R. | A. W. Sullo- way. D. | C. A. Sullo- way. G. | Scat- tering. | Briggs. R. | Sullo- way. D. |
| 2d District—Hillsborough..... | 7,567 | 5,108 | 1,348 | 9 | 7,801 | 6,442 |
| Merrimack..... | 5,414 | 4,752 | 729 | 11 | 5,406 | 5,672 |
| Total..... | 12,981 | 9,860 | 2,075 | 20 | 13,207 | 12,114 |
| Majority over all..... | 1,026 | | | | 1,093 | |
| Per cent..... | 52.05 | 39.54 | 8.32 | .08 | 52.15 | 47.84 |
| Total vote..... | | 24,936 | | | | 25,321 |
| | Farr. R. | Kent. D. | John- son. G. | Scat- tering. | Blair. R. | Kent. D. |
| 3d District—Cheshire..... | 3,745 | 2,480 | 268 | 38 | 3,900 | 2,759 |
| Coos..... | 1,320 | 2,006 | 339 | 11 | 1,636 | 2,161 |
| Grafton..... | 4,307 | 4,206 | 722 | 1 | 4,661 | 4,868 |
| Sullivan..... | 2,336 | 1,911 | 177 | 58 | 2,483 | 2,041 |
| Total..... | 11,708 | 10,663 | 1,496 | 108 | 12,683 | 11,828 |
| Plurality..... | 1,045 | | | | 855 | |
| Majority..... | | | | | 51.74 | 49.25 |
| Per cent..... | 48.88 | 44.47 | 6.23 | .45 | | |
| Total vote..... | | 23,975 | | | | 24,511 |

NEW JERSEY.—State Officers.

| COUNTIES—21. | SHERIFFS, 1878. | | | GOVERNOR, 1877. | | | |
|-----------------|-----------------|--------|-------|-----------------|-----------------------|--------------|-----------------------|
| | R. | D. | G. | Newell. R. | McClel- lan. D. | Hoxsey G. | Bing- ham. Pro. |
| Atlantic..... | 1,325 | 1,066 | 187 | 1,546 | 1,471 | 82 | 20 |
| Bergen..... | 3,209 | 3,117 | 121 | 2,387 | 3,540 | 34 | 44 |
| Burlington..... | 5,095 | 5,110 | 1,494 | 5,150 | 5,339 | 99 | 426 |
| Camden..... | 6,040 | 4,925 | ..... | 5,119 | 4,636 | 383 | 69 |
| Cape May..... | 764 | 865 | 116 | 832 | 796 | ..... | 18 |
| Cumberland..... | 2,720 | 1,696 | 2,452 | 2,803 | 2,802 | 1,297 | 23 |
| Essex..... | 14,327 | 13,750 | 1,632 | 14,712 | 13,626 | 806 | 27 |
| Gloucester..... | 2,403 | 2,272 | 254 | 2,622 | 2,177 | 314 | 76 |
| Hudson..... | 14,687 | 10,668 | 1,066 | 9,177 | 14,412 | 159 | 41 |
| Hunterdon..... | 3,019 | 3,719 | 1,033 | 2,849 | 4,638 | 30 | 78 |
| Mercer..... | 5,649 | 4,208 | 462 | 5,715 | 5,894 | 132 | 178 |
| Middlesex..... | 4,940 | 4,534 | 506 | 5,023 | 4,973 | 56 | 57 |
| Monmouth..... | 5,663 | 4,671 | 316 | 4,315 | 5,405 | 6 | 131 |
| Morris..... | 4,375 | 3,568 | 459 | 4,018 | 4,360 | 43 | 53 |
| Ocean..... | 1,338 | 1,027 | 513 | 1,608 | 1,605 | 34 | 38 |
| Passaic..... | 5,114 | 3,518 | 624 | 3,668 | 4,102 | 648 | 11 |
| Salem..... | 2,664 | 2,635 | 639 | 2,834 | 2,876 | 36 | 45 |
| Somerset..... | 2,935 | 2,210 | 269 | 2,612 | 2,595 | 46 | 22 |
| Sussex..... | 904 | 2,034 | 2,008 | 1,563 | 3,070 | 20 | 16 |
| Union..... | 4,920 | 4,207 | 740 | 4,509 | 5,170 | 140 | 35 |

NEW JERSEY.—State Ticket. (Continued.)

| COUNTIES—21. | SHERIFFS, 1878. | | | GOVERNOR, 1877. | | | |
|---------------------|-----------------|--------|--------|-----------------|------------------|--------------|------------------|
| | R. | D. | G. | Newell. R. | McClellan. D. | Hoxsey G. | Bingham. Pro. |
| Warren..... | 2,839 | 2,726 | 1,354 | 2,032 | 4,443 | 734 | 30 |
| Total..... | 94,951 | 82,576 | 16,793 | 83,094 | 97,840 | 5,069 | 1,438 |
| Maj. over next..... | 12,375 | 85,094 | 97,840 | 12,746 | 12,746 | ..... | ..... |
| Per cent..... | 48.86 | 42.49 | 8.60 | 44.92 | 51.64 | 2.67 | 75 |

¹ Combined Dem. and Green. vote. ² Rep. and Ind. Dem. vote.

Scattering votes in 1873: Ind. Rep., 497; Ind. Dem., 187; Prohibition, 1,240.

Summary of total Vote in 1876, 1877, and 1878.

| | R. | D. | G. | Total. | Maj. over next. |
|---------------------|---------|---------------------|---------------------|---------|-----------------|
| 1878—Congress..... | 90,488 | 80,029 ¹ | 24,699 ² | 195,882 | 10,459 R. |
| 1878—Sheriffs..... | 94,951 | 82,576 | 18,728 ³ | 196,255 | 12,375 R. |
| 1877—Governor..... | 85,094 | 97,840 | 6,507 ⁴ | 189,427 | 12,746 D. |
| 1876—President..... | 103,517 | 115,962 | 714 | 220,236 | 11,688 D. |
| 1876—Congress..... | 103,474 | 115,168 | 520 | 219,162 | 11,474 D. |

¹ Including Democratic and Greenback vote in Second District. ² Including 616 Prohibition votes. ³ Including 1,249 Prohibition, 497 Independent Republican, and 187 Independent Democratic votes. ⁴ Including 1,438 Prohibition votes.

| The Legislature of 1879 stands: | R. | D. | Ind. D. |
|---------------------------------|----|----|---------|
| Senate..... | 11 | 9 | 1 |
| Assembly..... | 23 | 27 | 0 |
| | 44 | 36 | 1 |

Representatives in Congress.

| 1878. | | | | | 1876. | | | | |
|--|---------------|-------------------|-----------------|-------------------|-----------------|--|----------------|-----------------|---------------|
| 1st Dist. | Robson. R. | Stratton. D. | Grosscup. G. | Sinnickson. R. | Simerman. D. | 4th Dist. | Potts. R. | Clark. D. | Larson. G. |
| Camden... | 6,208 | 691 | 4,086 | 6,513 | 5,262 | Hunter'n. | 3,056 | 3,527 | 1,868 |
| Cape May... | 863 | 750 | 204 | 1,053 | 863 | Somersct. | 2,876 | 2,233 | 277 |
| Cumb'nd. | 2,656 | 1,696 | 2,508 | 3,860 | 3,777 | Sussex.... | 1,512 | 2,580 | 937 |
| Glou'ster. | 2,487 | 1,011 | 2,033 | 2,981 | 2,729 | Warren... | 2,408 | 3,109 | 1,580 |
| Salem.... | 2,715 | 2,067 | 1,099 | 2,955 | 2,841 | Total... | 9,852 | 11,449 | 4,111 |
| Total... | 14,924 | 6,215 | 9,820 | 17,362 | 15,472 | Maj. over next.... | | 1,597 | |
| Maj. over next.... | 5,044 | | | 1,890 | | Per cent.... | 33.70 | 45.13 | 16.15 |
| Per cent.... | 48.07 | 20.05 | 31.85 | | | To'l vote. | 25,412 | | 29,251 |
| To'l vote. | | 30,019 | | 32,834 | | 5th Dist. | Voorhis. R. | Demarest. D. | Potter. G. |
| 2d Dist. | Pugh. R. | Smith. D. & G. | Baker. Pro. | Pugh. R. | Smith. D. | Bergen... | 2,594 | 3,590 | 272 |
| Atlantic... | 1,600 | 1,413 | 4 | 1,692 | 1,433 | Morris.... | 4,052 | 3,859 | 995 |
| Burl'gton. | 5,186 | 6,340 | 220 | 6,397 | 6,460 | Passaic... | 4,244 | 3,129 | 2,001 |
| Mercer... | 5,535 | 5,350 | 521 | 6,102 | 6,013 | Total... | 10,893 | 10,069 | 3,268 |
| Ocean.... | 1,378 | 1,507 | 13 | 1,824 | 1,579 | Maj. over next.... | 804 | | 1,152 |
| Total... | 13,690 | 14,610 | 568 | 16,015 | 15,485 | Per cent.... | 41.91 | 44.16 | 13.43 |
| Maj. over next.... | | 911 | | 530 | | To'l vote. | 24,250 | | 23,916 |
| Per cent.... | 47.48 | 56.25 | .19 | | | 6th Dist. | Blake. R. | Albright. D. | Bliss. G. |
| To'l vote. | | 28,877 | | 31,500 | | Essex.... | 14,771 | 12,852 | 2,106 |
| 3d Dist. | Clark. R. | Ross. D. | Hope. G. | Atherton. R. | Ross. D. | Maj. over next.... | 1,939 | | 1,524 |
| Middle'x. | 4,712 | 4,503 | 792 | 5,308 | 5,776 | Per cent.... | 49.70 | 43.19 | 7.08 |
| Monm'th. | 4,016 | 5,022 | 1,662 | 4,750 | 6,901 | To'l vote. | 29,709 | | 33,606 |
| Union.... | 4,448 | 3,864 | 1,389 | 5,306 | 5,848 | In 1876 William Baxter (Green.) received 520 votes. | | | |
| Total... | 13,176 | 13,509 | 3,843 | 15,359 | 18,525 | 7th Dist. | Brigham. R. | Lavery. D. | Winant. G. |
| Maj. over next.... | | 333 | | 3,166 | | Hudson.. | 13,199 | 11,234 | 1,424 |
| Per cent.... | 43.17 | 44.61 | 12.56 | | | Maj. over next.... | 1,960 | | 5,869 |
| To'l vote. | | 80,601 | | 33,881 | | Per cent.... | 50.93 | 43.61 | 5.40 |
| In 1873 James A. Bradley (Pro.) received 72 votes. | | | | | | To'l vote. | 25,970 | | 28,651 |
| | | | | | | In 1873 C. C. Burr (Ind. Green.) received 113 votes. | | | |

NEW MEXICO.—Delegate in Congress.

| COUNTIES—12. | 1878. | | 1876. | | 1874. | |
|---------------------|-----------------------|-----------------------|---------------|---------------|---------------|---------------|
| | M. S. Otero. R. | Benito Baca. D. | Romero. R. | Valdez. D. | Elkins. R. | Valdez. D. |
| Bernalillo | 1,611 | 606 | 1,096 | 474 | 720 | 297 |
| Colfax | 121 | 643 | 158 | 441 | 393 | 300 |
| Dofia Anna | 009 | 643 | 826 | 378 | 716 | 226 |
| Grant | 200 | 267 | 155 | 357 | 311 | 351 |
| Lincoln | 0 | 160 | 141 | 133 | 89 | 179 |
| Mora | 542 | 1,117 | 365 | 1,083 | 428 | 1,234 |
| Rio Arriba | 993 | 683 | 963 | 801 | 1,508 | 232 |
| Santa Ana* ..... | ..... | ..... | ..... | ..... | 366 | 112 |
| Santa Fé | 822 | 839 | 775 | 649 | 793 | 498 |
| San Miguel | 1,730 | 2,037 | 1,662 | 1,394 | 625 | 2,328 |
| Socorro | 781 | 548 | 821 | 473 | 880 | 444 |
| Taos | 973 | 842 | 1,001 | 715 | 1,093 | 614 |
| Valencia | 1,295 | 2 | 1,628 | 521 | 759 | 235 |
| Total | 9,759 | 9,067 | 9,591 | 7,418 | 8,681 | 7,100 |
| Rep. majority | 673 | | 2,173 | | 1,381 | |
| Total vote | | 18,606 | | 17,009 | | 15,781 |

Legislature, 1878, Republicans 22, Democrats 17, on joint ballot. In 1876, Republicans 27, Democrats 12.

* Attached to Bernalillo.

NEW YORK.—State Ticket.

| COUNTIES—60. | 1878. COURT OF APPEALS JUDGE. | | | | 1877. SECRETARY OF STATE. | | 1876. PRESIDENT. | |
|-------------------|----------------------------------|---------------------|---------------|----------------------|---------------------------------|--------------|---------------------|---------------|
| | Dan- forth. R. | Brad- ley. D. | Tucker. G. | Van Cott. Pro. | Church- ill. R. | Beach. D. | Hayes. R. | Tilden. D. |
| Albany | 12,977 | 10,769 | 5,984 | ..... | 14,173 | 14,580 | 16,462 | 17,642 |
| Allegany | 4,807 | 2,140 | 1,820 | 35 | 4,557 | 2,489 | 6,739 | 3,741 |
| Broome | 5,466 | 4,010 | 613 | 92 | 4,764 | 3,981 | 6,766 | 5,424 |
| Cattaraugus | 5,556 | 2,521 | 2,553 | 36 | 4,697 | 3,351 | 6,713 | 5,054 |
| Cayuga | 6,398 | 3,063 | 2,102 | 105 | 6,707 | 5,043 | 8,957 | 6,120 |
| Chautauqua | 6,642 | 3,437 | 1,917 | 63 | 7,146 | 4,074 | 10,065 | 5,685 |
| Chemung | 3,235 | 2,656 | 2,881 | 6 | 2,528 | 2,633 | 4,700 | 5,228 |
| Chenango | 4,075 | 2,500 | 2,788 | 150 | 4,771 | 4,124 | 6,173 | 4,325 |
| Clinton | 4,316 | 3,285 | 560 | 11 | 4,340 | 4,255 | 5,502 | 4,796 |
| Columbia | 5,450 | 4,032 | 459 | ... | 4,797 | 5,212 | 5,799 | 6,309 |
| Cortland | 2,838 | 1,479 | 1,113 | 56 | 3,284 | 2,310 | 4,038 | 2,642 |
| Delaware | 4,430 | 2,929 | 1,594 | 175 | 4,734 | 4,290 | 5,867 | 5,272 |
| Dutchess | 8,519 | 6,324 | 398 | 284 | 8,300 | 7,401 | 9,501 | 9,102 |
| Erie | 18,728 | 15,879 | 1,427 | ... | 18,457 | 15,192 | 20,298 | 19,533 |
| Essex | 3,558 | 2,345 | 474 | 1 | 3,348 | 2,412 | 4,477 | 2,955 |
| Franklin | 3,552 | 1,876 | 280 | 43 | 3,182 | 2,286 | 4,104 | 2,946 |
| Fulton | 3,674 | 2,472 | 95 | 86 | 3,810 | 3,070 | 3,940 | 3,662 |
| Genesee | 3,694 | 2,511 | 223 | 12 | 3,230 | 2,475 | 4,322 | 3,321 |
| Greene | 2,010 | 2,993 | 1,742 | 109 | 2,199 | 3,606 | 3,678 | 4,771 |
| Hamilton | 297 | 529 | ..... | ..... | 364 | 526 | 322 | 569 |
| Herkimer | 4,643 | 3,110 | 911 | 113 | 4,843 | 4,113 | 5,966 | 5,212 |
| Jefferson | 7,287 | 5,983 | 407 | 153 | 6,977 | 6,032 | 9,227 | 7,094 |
| Kings | 53,957 | 39,338 | 2,632 | 4 | 31,493 | 41,249 | 39,066 | 57,556 |
| Lewis | 2,978 | 2,728 | 456 | 6 | 2,860 | 2,787 | 3,610 | 3,708 |
| Livingston | 4,602 | 3,157 | 526 | 50 | 4,448 | 3,835 | 5,267 | 4,244 |
| Madison | 4,864 | 3,252 | 1,393 | 214 | 4,835 | 3,343 | 6,683 | 4,761 |
| Monroe | 10,773 | 7,739 | 3,171 | 15 | 8,466 | 7,305 | 14,738 | 13,127 |
| Montgomery | 3,964 | 3,725 | 366 | 18 | 3,618 | 4,239 | 4,457 | 4,766 |
| New York | 51,702 | 87,716 | 1,988 | ..... | 46,965 | 77,189 | 58,561 | 112,530 |
| Niagara | 4,906 | 4,498 | 363 | 130 | 4,449 | 4,692 | 5,075 | 5,891 |
| Oneida | 10,083 | 8,743 | 3,450 | 471 | 10,165 | 10,125 | 14,019 | 12,844 |
| Onondaga | 11,570 | 5,312 | 3,781 | 93 | 9,539 | 7,103 | 14,867 | 11,161 |

NEW YORK.—State Ticket. (Continued.)

| COUNTIES—CO. | 1878. COURT OF APPEALS JUDGE. | | | | 1877. SECRETARY OF STATE. | | 1876. PRESIDENT. | |
|----------------------|----------------------------------|---------------------|---------------|-----------------------|---------------------------------|--------------|---------------------|---------------|
| | Dan- forth. R. | Brad- ley. D. | Tucker. G. | Van- cort. Pro. | Church- ill. R. | Beach. D. | Hayes. R. | Tilden. D. |
| Ontario..... | 5,091 | 3,982 | 647 | 105 | 4,690 | 4,415 | 6,334 | 5,527 |
| Orange..... | 7,417 | 6,745 | 761 | 221 | 7,087 | 7,330 | 9,430 | 9,776 |
| Orleans..... | 3,275 | 1,942 | 345 | 261 | 3,322 | 2,589 | 4,252 | 3,117 |
| Oswego..... | 6,815 | 3,364 | 3,427 | 162 | 7,637 | 4,943 | 10,238 | 7,417 |
| Otsego..... | 6,392 | 6,015 | 472 | 277 | 5,500 | 6,055 | 6,809 | 7,027 |
| Putnam..... | 2,073 | 1,204 | 1 | 9 | 1,715 | 1,704 | 1,949 | 1,805 |
| Queens..... | 4,838 | 6,446 | 687 | 9 | 3,954 | 5,992 | 6,970 | 9,094 |
| Rensselaer.. | 10,552 | 7,905 | 2,692 | 117 | 8,406 | 10,129 | 12,254 | 12,926 |
| Richmond.... | 2,295 | 3,069 | 64 | .... | 1,886 | 2,711 | 2,883 | 4,338 |
| Rockland.... | 2,403 | 2,567 | 67 | 7 | 1,793 | 2,932 | 2,349 | 3,494 |
| St. Lawrence.. | 8,517 | 2,967 | 203 | 29 | 8,854 | 3,730 | 13,461 | 5,784 |
| Saratoga..... | 6,092 | 3,559 | 1,214 | 3 | 6,410 | 4,928 | 7,488 | 6,497 |
| Schenectady.. | 2,452 | 2,027 | 788 | 3 | 2,142 | 2,234 | 2,689 | 2,946 |
| Schoharie.... | 2,811 | 4,345 | 281 | 23 | 2,697 | 4,184 | 3,549 | 5,324 |
| Schuyler..... | 2,051 | 1,200 | 643 | 95 | 2,064 | 1,598 | 2,860 | 2,255 |
| Seneca..... | 2,769 | 2,736 | 330 | 3 | 2,458 | 2,951 | 3,076 | 3,613 |
| Steuben..... | 6,468 | 6,212 | 2,992 | 2 | 7,243 | 6,258 | 9,762 | 8,803 |
| Suffolk..... | 4,414 | 4,460 | 119 | 190 | 3,718 | 3,694 | 5,589 | 5,804 |
| Sullivan..... | 1,865 | 2,662 | 1,786 | 4 | 2,130 | 2,903 | 3,262 | 4,402 |
| Tioga..... | 3,804 | 2,105 | 1,619 | 22 | 3,611 | 2,837 | 4,675 | 3,906 |
| Tompkins..... | 3,549 | 2,586 | 1,379 | 47 | 3,293 | 3,158 | 5,032 | 4,028 |
| Ulster..... | 6,646 | 6,945 | 567 | 27 | 6,736 | 7,915 | 8,914 | 10,636 |
| Warren..... | 2,203 | 953 | 1,581 | 11 | 2,594 | 2,344 | 3,135 | 2,663 |
| Washington.... | 5,470 | 2,508 | 809 | 4 | 5,030 | 3,457 | 7,303 | 4,815 |
| Wayne..... | 4,985 | 3,027 | 1,453 | 46 | 5,215 | 3,873 | 7,081 | 5,190 |
| Westchester.. | 8,377 | 7,504 | 1,075 | 15 | 7,872 | 9,072 | 9,574 | 12,050 |
| Wyoming..... | 3,408 | 2,325 | 86 | 26 | 3,005 | 2,009 | 4,123 | 3,265 |
| Yates..... | 2,679 | 1,513 | 377 | 5 | 2,677 | 1,720 | 3,327 | 2,046 |
| Total..... | 391,112 | 356,451 | 75,133 | 4,294 | 371,798 | 383,062 | 489,207 | 521,949 |
| Majority over next.. | 34,661 | | | | | 11,264 | | 32,742 |
| Per cent..... | 47.21 | 43.02 | 9.06 | .53 | 47.26 | 48.64 | 48.17 | 51.59 |
| Total vote..... | | 823,445 | | | 786,616 | | 1,015,502 | |

In 1878, 1455 scattering votes were cast. In 1877, 20,282 Workingmens'; 17,250 Prohibition; 1799 Socialist; 997 Greenback, and 1448 scattering. In 1876, Cooper, Gr., had 1967 votes, and Smith, Pro., 2359. The Legislature of 1879 stands:

| | Rep. | Dem. | Ind. | Gr. |
|-------------|------|------|------|-----|
| Senate..... | 19 | 12 | 1 | - |
| House..... | 98 | 28 | .. | 2 |
| Total..... | 117 | 40 | 1 | 2 |

Representatives in Congress.

| | 1878. | | | 1876. | | |
|--------------------|-------------|---------------|---------------|-------------|---------------|--|
| | Otis. R. | Covert. D. | Crooks. G. | King. R. | Covert. D. | |
| 1st Dist. | | | | | | |
| Suffolk... | 4,674 | 4,221 | 278 | 5,449 | 5,829 | |
| Queens... | 4,713 | 6,665 | 1,032 | 6,823 | 10,074 | |
| Richmond | 2,411 | 2,929 | 120 | 2,350 | 4,242 | |
| Total... | 11,798 | 13,815 | 1,430 | 15,222 | 20,145 | |
| Maj. over next.... | | 2,017 | | | 4,923 | |
| Per cent.. | 43.62 | 51.08 | 5.29 | 43.40 | 56.50 | |
| Total v. | | 27,043 | | 35,531 | | |

| | 1878. | | | 1876. | | |
|--------------------|--------------------|------------------------|----------------|----------------------|---------------|--|
| | O'Reilly. I. D. | Litch- field. D. | Bennett. G. | Cava- nagh. R. | Veeder. D. | |
| 2d Dist. | | | | | | |
| Kings Co. | 13,138 | 9,881 | 779 | 8,531 | 13,406 | |
| Maj. over next.... | 3,257 | | | | 5,075 | |
| Per cent.. | 55.21 | 41.52 | 3.27 | 38.32 | 61.67 | |
| Total v. | | 23,798 | | | 22,257 | |

In 1876, 530 scattering votes were cast.

Smith, Prohib., received 123 votes in 1873, and Reeve, Prohib., 174 votes in 1876.

NEW YORK.—Representatives in Congress. (Continued.)

| | 1878. | | | 1876. | | |
|---|------------------|--------|---------|----------------|--------|----|
| PART KINGS COUNTY (BROOKLYN). | | | | | | |
| | Chitten-Huntley. | | Steele. | Chitten-Dakin. | | |
| | den. | R. | D. | I. D. & G. | den. | R. |
| 8d Dist. | 16,667 | 10,017 | 857 | 18,110 | 17,858 | |
| Kings Co. | 5,793 | | | 252 | | |
| Majority.. | 60.51 | 86.87 | 3.11 | 50.01 | 49.48 | |
| Percent.. | 60.51 | 86.87 | 3.11 | 50.01 | 49.48 | |
| Total v. | 27,541 | | | 36,096 | | |
| In 1876, there were 128 scattering votes. | | | | | | |

PART OF KINGS COUNTY.

| | | | | | | | |
|---------------------------|-----------|--------|--------|--------|---------|----------|--------|
| | 4th Dist. | Lyon. | Bliss. | Kelly. | Hanson. | Spitzer. | Bliss. |
| | R. | D. | I. D. | G. | R. | D. | |
| | 8,742 | 18,020 | 777 | 581 | 11,492 | 18,506 | |
| Maj. | 2,290 | | | | 7,014 | | |
| P. c. | 39.17 | 58.80 | .... | .... | 33.80 | 61.69 | |
| T. v. | 22,343 | | | | 20,110 | | |
| In 1876, scattering, 112. | | | | | | | |

NEW YORK CITY.—WARDS 1-6, 8, AND 14.

| | | | | | |
|---------------------------|-----------|----------|---------|---------|-----------|
| | 5th Dist. | Muller. | Bourke. | Muller. | Kerrigan. |
| | T. D. | A. T. D. | T. D. | Ind. | |
| | 9,509 | 8,197 | 15,259 | 4,775 | |
| Majority..... | 1,312 | | 10,504 | | |
| Per cent..... | 53.70 | 46.29 | 76.24 | 83.75 | |
| Total vote.... | 17,706 | | 20,286 | | |
| In 1876, scattering, 272. | | | | | |

NEW YORK CITY.—WARDS 7, 11, AND 13.

| | | | | | |
|---------------------------|-----------|----------|-----------|------|----------|
| | 6th Dist. | Cox. | De Vries. | Cox. | Duganne. |
| | T. D. | A. T. D. | D. | R. | |
| | 10,901 | 6,497 | 17,098 | 41 | |
| Majority..... | 4,404 | | 16,110 | | |
| Per cent..... | 61.50 | 38.49 | 94.95 | | |
| Total vote.... | 17,398 | | 18,006 | | |
| In 1876, scattering, 867. | | | | | |

NEW YORK CITY.—WARDS 10 AND 17.

| | | | | | |
|---------------------------|-----------|-----------|-----------|--------|-----------|
| | 7th Dist. | Einstein. | Eickhoff. | Groom. | Eickhoff. |
| | R. | T. D. | R. | T. D. | |
| | 7,627 | 6,969 | 6,081 | 13,199 | |
| Majority..... | 658 | | 7,148 | | |
| Per cent..... | 52.25 | 47.74 | 81.43 | 68.56 | |
| Total vote.... | 14,596 | | 19,387 | | |
| In 1876, scattering, 187. | | | | | |

N. Y. CITY.—WARDS 15, 16, AND PART OF 18.

| | | | | | |
|---------------------------|-----------|---------|---------|---------|-------|
| | 8th Dist. | McCook. | Jerome. | McCook. | Ward. |
| | R. | T. D. | R. | D. | |
| | 1,838 | 6,882 | 13,221 | 12,408 | |
| Majority..... | 4,956 | | 813 | | |
| Per cent..... | 62.23 | 36.76 | 51.60 | 47.68 | |
| Total vote.... | 18,720 | | 25,779 | | |
| In 1876, scattering, 150. | | | | | |

N. Y. CITY.—PARTS OF WARDS 12, 20, AND 22.

| | | | | | | |
|---------------------------|-----------|-----------|----------|--------|-----------|-------|
| | 9th Dist. | Berryman. | Wood. | Hardy. | Da Cunha. | Wood. |
| | R. | T. D. | A. T. D. | R. | D. | |
| | 5,534 | 6,980 | 6,122 | 8,217 | 14,280 | |
| Majority..... | 858 | | | 6,063 | | |
| Per cent.. | 29.19 | 37.45 | 32.85 | 36.52 | 63.47 | |
| Total v. | 18,636 | | | 22,987 | | |
| In 1876, scattering, 490. | | | | | | |

N. Y. CITY.—PARTS OF WARDS 18, 19, AND 21.

| | | | | | |
|---------------------------|------------|---------|----------|---------|----------|
| | 10th Dist. | Potter. | O'Brien. | Hewitt. | Babcock. |
| | T. D. | A. T. | D. | R. | |
| | 8,939 | 11,145 | 17,196 | 6,805 | |
| Majority..... | 2,206 | | 10,831 | | |
| Per cent..... | 45.54 | 55.44 | 71.57 | 28.42 | |
| Total vote.... | 20,084 | | 24,637 | | |
| In 1876, scattering, 696. | | | | | |

NEW YORK CITY.—PARTS OF WARDS 12, 19, 20, 21, AND 22.

| | | | | | |
|---------------------------|------------|---------|---------|---------|---------|
| | 11th Dist. | Morton. | Willis. | Morton. | Willis. |
| | R. | T. D. | R. | D. | |
| | 13,013 | 6,663 | 12,092 | 12,519 | |
| Majority..... | 6,850 | | 427 | | |
| Per cent..... | 66.13 | 33.86 | 49.13 | 50.86 | |
| Total vote.... | 19,676 | | 25,214 | | |
| In 1876, scattering, 603. | | | | | |

| | | | | | | |
|------------------------|------------|-----------|-------|-----------|------------|---------|
| | 12th Dist. | A. Smith. | Cobb. | N. Smith. | Brandreth. | Potter. |
| | R. | D. | G. | R. | D. | |
| | 11,338 | 9,082 | 2,421 | 11,160 | 10,078 | |
| Majority over next.... | 2,250 | | | 4,918 | | |
| Per cent.. | 49.63 | 39.75 | 10.59 | 40.97 | 59.64 | |
| Total v. | 22,841 | | | 27,238 | | |

| | | | | | | |
|--------------------|------------|----------|--------|--------|----------|---------|
| | 13th Dist. | Ketcham. | Baker. | Doty. | Ketcham. | Davies. |
| | R. | D. | G. | R. | D. | |
| | 5,896 | 3,747 | 334 | 6,173 | 5,964 | |
| Columbia. | 10,180 | 4,888 | 446 | 10,096 | 8,373 | |
| Dutchess. | 2,165 | 1,113 | 12 | 1,956 | 1,777 | |
| Putnam.. | 18,240 | 9,698 | 792 | 18,225 | 16,113 | |
| Total... | 8,542 | | | 2,112 | | |
| Maj. over next.... | 63.48 | 33.75 | 2.76 | 53.07 | 46.92 | |
| Per cent.. | 28,780 | | | 34,338 | | |
| Total v. | | | | | | |

In 1878, Potter, Prohib., had 241 votes, and Davies, Ind. Dem., 39.

In 1876, Doney, Prohib., had 233 votes.

| | | | | | | |
|--------------------|------------|---------|--------|----------|--------|--------|
| | 14th Dist. | Ferdon. | Beebe. | Voorhis. | Sweet. | Beebe. |
| | R. | D. | G. | R. | D. | |
| | 7,332 | 6,400 | 2,237 | 9,333 | 9,800 | |
| Orange... | 2,570 | 2,182 | 427 | 2,338 | 3,482 | |
| Rockland. | 1,959 | 2,751 | 1,597 | 2,996 | 4,450 | |
| Sullivan.. | 11,861 | 11,823 | 3,261 | 14,667 | 17,732 | |
| Total... | 538 | | | 2,603 | | |
| Maj. over next.... | 44.85 | 42.81 | 12.33 | 45.26 | 54.70 | |
| Per cent.. | 26,445 | | | 32,399 | | |
| Total v. | | | | | | |

| | | | | | | |
|---------------------------------------|------------|----------|-------------|----------|----------|----------|
| | 15th Dist. | Nichols. | Lounsberry. | Erikson. | Tremper. | Mayhain. |
| | R. | D. | G. | R. | D. | |
| | 2,187 | 2,811 | 1,839 | 3,715 | 4,713 | |
| Greeno... | 2,738 | 4,019 | 757 | 3,465 | 5,399 | |
| Schoharie | 6,571 | 6,850 | 935 | 9,066 | 10,386 | |
| Ulster.... | 11,441 | 13,680 | 8,524 | 16,267 | 20,498 | |
| Total... | 2,239 | | | 2,603 | | |
| Maj. over next.... | 39.94 | 47.75 | 12.30 | 44.24 | 55.75 | |
| Per cent.. | 28,645 | | | 36,715 | | |
| Total v. | | | | | | |
| Contant, Prohib., received 140 votes. | | | | | | |

NEW YORK—Representatives in Congress. (Continued).

| | 1878. | | | 1876. | | |
|---|-------------------------|-----------------------|----------------------|----------------------|-----------------------|--|
| | Bailey. R. | Woods. D. | Hilton. G. | Harris. R. | Quinn. D. | |
| 16th Dist. Albany... | 12,199 | 12,004 | 5,455 | 16,506 | 17,497 | |
| Maj. over next.... | 195 | | | | | |
| Percent... | 41.13 | 40.47 | 18.39 | 48.00 | 51.32 | |
| Total v. | | 29,658 | | 84,098 | | |
| 17th Dist. Rensselaer | Wood. R. | Patter- son. D. | Fergus- on. G. | Town- send. R. | Par- menter. D. | |
| Washington | 10,462 | 7,392 | 3,067 | 12,467 | 12,606 | |
| ..... | 5,053 | 2,400 | 811 | 7,222 | 4,842 | |
| Total... | 16,115 | 9,792 | 3,878 | 19,689 | 17,448 | |
| Maj. over next.... | 6,323 | | | | | |
| Percent... | 54.10 | 32.87 | 18.01 | 53.01 | 46.98 | |
| Total v. | | 29,785 | | 37,187 | | |
| 18th Dist. Clinton... | Hammond. R. | Ross. D. | McDonald. G. | Williams. R. | Platt. D. | |
| Essex.... | 4,439 | 3,183 | 631 | 5,630 | 4,611 | |
| Warren... | 3,978 | 1,692 | 728 | 4,442 | 2,067 | |
| ..... | 2,233 | 890 | 1,040 | 3,103 | 2,668 | |
| Total... | 10,650 | 5,765 | 3,005 | 13,177 | 10,246 | |
| Maj. over next.... | 4,885 | | | | | |
| Percent... | 54.84 | 29.68 | 15.47 | 56.25 | 43.74 | |
| Total v. | | 19,420 | | 23,423 | | |
| 19th Dist. Franklin..... | James. Hasbrouck. R. | James. Magone. D. | | | | |
| St. Lawrence.... | 3,620 | 1,970 | 4,070 | 2,957 | | |
| ..... | 8,513 | 3,086 | 13,205 | 5,799 | | |
| Total..... | 12,133 | 5,056 | 17,275 | 8,750 | | |
| Maj. over next... | 7,077 | | | | | |
| Per cent.... | 70.58 | 29.41 | 66.36 | 33.63 | | |
| Total vote.... | 17,189 | | 26,031 | | | |
| 20th Dist. Fulton.... | Starin. R. | Thompson. D. | Wendell. G. | Starin. R. | Decker. D. | |
| Hamilton. | 3,873 | 2,189 | 114 | 3,898 | 3,674 | |
| Montgo- mery... | 380 | 465 | 7 | 322 | 563 | |
| Saratoga.. | 4,568 | 2,972 | 584 | 4,774 | 4,417 | |
| Schenec- tady.... | 6,225 | 3,451 | 1,169 | 7,430 | 6,515 | |
| ..... | 2,675 | 1,801 | 761 | 2,718 | 2,920 | |
| Total... | 17,736 | 10,878 | 2,585 | 10,142 | 18,089 | |
| Maj. over next.... | 6,858 | | | | | |
| Percent... | 56.84 | 34.85 | 8.25 | 51.41 | 48.58 | |
| Total v. | | 31,283 | | 37,231 | | |
| Bronson, Prohib., received 74 votes in 1878. | | | | | | |
| 21st Dist. Chenango | Willber. R. | Scotfield. D. | Cons. Bundy. G. | Matteson. R. | | |
| Delaware. | 4,304 | 2,345 | 2,782 | 6,152 | 4,768 | |
| Otsego.... | 4,375 | 2,489 | 2,257 | 5,844 | 5,282 | |
| ..... | 6,698 | 5,346 | 978 | 6,823 | 7,006 | |
| Total... | 15,877 | 10,180 | 6,017 | 18,825 | 17,056 | |
| Maj. over next.... | 5,197 | | | | | |
| Percent... | 48.70 | 32.24 | 19.05 | 52.45 | 46.14 | |
| Total v. | | 31,888 | | 26,175 | | |
| Jarvis, Prohib., received 314 votes in 1878. | | | | | | |
| In 1876, scattering, 294. | | | | | | |
| 22d Dist. Herkimer. | Miller. R. | Brown. D. | Lewis. G. | Bagley. R. | Smith. D. | |
| Jefferson. | 4,726 | 2,997 | 987 | 5,818 | 5,284 | |
| Lewis.... | 7,105 | 6,007 | 583 | 9,289 | 6,979 | |
| ..... | 3,024 | 2,644 | 532 | 3,561 | 3,732 | |
| Total... | 14,855 | 11,648 | 2,102 | 18,668 | 15,995 | |
| Maj. over next.... | 3,207 | | | | | |
| Percent... | 51.93 | 40.72 | 7.34 | 53.95 | 46.14 | |
| Total v. | | 28,894 | | 34,875 | | |
| Gray, Prohib., received 289 votes in 1878. | | | | | | |
| In 1876, scattering, 212. | | | | | | |
| 23d Dist. Oneida... | Prescott. R. | Spring. D. | Mitchell. G. | Bacon. R. | Lord. D. | |
| Maj. over next.... | 9,762 | 8,730 | 3,787 | 13,779 | 13,069 | |
| Percent... | 1,032 | | | | | |
| Total v. | 43.81 | 39.18 | 16.99 | 51.32 | 48.67 | |
| Mears, Prohib., received 451 votes in 1878. | | | | | | |
| 24th Dist. Madison... | Mason. R. | Duffy. G. & D. | Smythe. Pro. | Baker. R. | Bond. D. | |
| Oswego... | 4,671 | 4,664 | 280 | 6,661 | 3,994 | |
| ..... | 7,372 | 6,643 | 148 | 9,894 | 7,804 | |
| Total... | 12,043 | 11,307 | 428 | 16,555 | 11,798 | |
| Maj. over next.... | 786 | | | | | |
| Percent... | 50.64 | 47.55 | 1.79 | 58.39 | 41.61 | |
| Total v. | | 23,778 | | 28,389 | | |
| In 1876, C. T. Richardson, Pro., had 536 votes. | | | | | | |
| 25th Dist. Cortland.. | Hiscock. R. | Wieling. G. & D. | Stratton. Pro. | Hiscock. R. | Pratt. D. | |
| Onondaga | 2,863 | 2,562 | 34 | 3,957 | 2,629 | |
| ..... | 11,786 | 8,612 | 280 | 14,468 | 11,505 | |
| Total... | 14,599 | 11,174 | 314 | 18,425 | 13,834 | |
| Maj. over next.... | 3,425 | | | | | |
| Percent... | 55.96 | 42.83 | 1.20 | 57.11 | 42.85 | |
| Total v. | | 26,087 | | 32,440 | | |
| In 1876, scattering, 181. | | | | | | |
| 26th Dist. Cayuga... | Camp. R. | Durston. D. | Walley. G. | Camp. R. | Van Auker. D. | |
| Seneca... | 6,310 | 849 | 4,429 | 8,897 | 6,111 | |
| Wayne... | 2,829 | 192 | 2,880 | 8,102 | 3,654 | |
| ..... | 5,216 | 657 | 3,667 | 7,127 | 5,114 | |
| Total... | 14,855 | 1,638 | 10,976 | 19,036 | 14,879 | |
| Maj. over next.... | 3,879 | | | | | |
| Percent... | 53.22 | 6.07 | 40.69 | 56.12 | 43.87 | |
| Total v. | | 27,070 | | 34,011 | | |
| Osborne, Prohib., received 102 votes in 1878. | | | | | | |
| In 1876, scattering. | | | | | | |
| 27th Dist. Livingston | Lapham. R. | Pierpont. G. & D. | Howe's. Pro. | Lapham. R. | Comstock. D. | |
| Ontario.. | 4,472 | 3,795 | 23 | 5,232 | 4,256 | |
| Yates.... | 5,107 | 4,541 | .... | 6,237 | 5,482 | |
| ..... | 2,686 | 1,896 | .... | 3,237 | 2,114 | |
| Total... | 12,265 | 10,232 | 23 | 14,726 | 11,852 | |
| Maj. over next.... | 2,033 | | | | | |
| Percent... | 54.46 | 45.43 | .10 | 55.40 | 44.59 | |
| Total v. | | 22,420 | | 26,675 | | |
| In 1876, there were 97 Prohibition votes. | | | | | | |

NEW YORK.—Representatives in Congress. (Continued.)

| | 1878. | | | 1876. | | |
|-------------|---------------|------------------|--------------|---------------|--------------|--|
| | Dwight. R. | Howe. G. & D. | Mudge. D. | Dwight. R. | Jones. D. | |
| 28th Dist. | | | | | | |
| Broome... | 5,469 | 4,571 | 4 | 6,467 | 5,332 | |
| Schuyler... | 2,363 | 1,293 | 145 | 2,783 | 2,307 | |
| Tioga.... | 3,886 | 2,458 | 1,067 | 4,621 | 3,923 | |
| Tompkins | 3,350 | 2,889 | 655 | 4,939 | 4,100 | |

Total... 15,568 11,161 1,871 18,839 15,663

Maj. over

next.... 4,407

Per cent... 54.43 39.02 6.54 54.60 45.39

Total v. 23,750 34,501

Hibbard, Labor Communist, received 150 votes in 1878.

In 1876, 209 Prohibition votes were cast.

| | Richard-son. R. | Babcock. D. | Beau- mont. G. | Hunger- ford. R. | Lever- idge. D. | |
|-------------|--------------------|----------------|----------------------|------------------------|-----------------------|--|
| 29th Dist. | | | | | | |
| Allegany... | 4,427 | 2,779 | 1,729 | 6,584 | 4,001 | |
| Chemung... | 3,252 | 2,427 | 3,067 | 4,703 | 5,247 | |
| Steuben... | 6,648 | 5,755 | 3,378 | 9,800 | 8,725 | |

Total... 14,327 10,961 8,174 21,087 17,973

Maj. over

next.... 3,366

Per cent... 42.81 32.75 24.42 53.98 46.01

Total v. 33,462 39,060

| | VanVoorhis. R. | Lamberton. G. & D. | Brown. G. | Davy. R. | Hart. D. | |
|------------|-------------------|-----------------------|--------------|-------------|-------------|--|
| 30th Dist. | | | | | | |
| Orleans... | 2,545 | 1,712 | 456 | 3,617 | 3,683 | |
| Monroe... | 9,463 | 8,635 | 2,304 | 13,521 | 14,114 | |

Total... 12,008 10,357 2,760 17,138 17,797

Maj. over

next.... 1,651

Per cent... 47.79 41.22 10.98 49.05 50.94

Total v. 27,592 35,104

In 1878, Hopkins, Prohib., received 1,261 votes in Orleans County, and 1,206 in Monroe; total, 2,467.

In 1876, 169 Prohibition votes were cast.

| | 1878. | | | 1876. | | |
|------------|----------------|--------------|---------------|----------------|-----------------|--|
| | Crowley. R. | Davis. D. | Miller. G. | Hoskins. R. | Benedict. D. | |
| 31st Dist. | | | | | | |
| Genesee... | 3,837 | 2,379 | 220 | 3,527 | 3,312 | |
| Niagara... | 5,222 | 4,026 | 269 | 4,122 | 5,785 | |
| Wyoming | 3,468 | 2,308 | 70 | 4,217 | 3,208 | |

Total... 12,527 8,713 559 11,866 12,250

Maj. over

next.... 3,814

Per cent... 57.46 39.96 2.56 49.20 50.79

Total v. 22,064 26,766

Grosvenor, Prohib., received 265 votes in 1878.

In 1876, Flagler, Ind. Rep., received 2,527 votes, and Copeland, Pro., 123 votes.

| | Pierce. R. | Lock-wood. D. | Grote. G. | Spaulding. R. | Lock-wood. D. | |
|-----------|---------------|------------------|--------------|------------------|------------------|--|
| 32d Dist. | | | | | | |
| Erie..... | 18,998 | 16,105 | 1,173 | 19,716 | 20,125 | |

Total... 18,998 16,105 1,173 19,716 20,125

Maj. over

next.... 2,893

Per cent... 52.37 44.39 3.23 49.48 50.51

Total v. 36,276 39,841

| | VanAernam. K. | Morris. D. | Vinton. G. | Patterson. R. | Freeland. D. | |
|-----------------|------------------|---------------|---------------|------------------|-----------------|--|
| 33d Dist. | | | | | | |
| Cattaraugus.... | 5,442 | 2,431 | 2,703 | 6,737 | 5,117 | |
| Chautauqua | 5,922 | 4,301 | 1,965 | 10,173 | 5,484 | |

Total... 11,364 6,732 4,668 16,910 10,501

Maj. over

next.... 4,632

Per cent... 49.87 29.54 20.57 61.69 38.30

Total v. 22,784 27,510

In 1876, scattering, 99 votes.

NORTH CAROLINA.—Representatives in Congress.

| | 1878. | | | 1876. | | |
|----------------|---------------|---------------|-------------------|---------------|----------------|--|
| | Yeates. D. | Martin. R. | Respass. I. R. | Yeates. D. | Lindsay. R. | |
| 1st Dist. | | | | | | |
| Beaufort... | 1,397 | 1,129 | 178 | 1,708 | 1,528 | |
| Bertie.... | 983 | 1,499 | 1 | 1,156 | 1,626 | |
| Camden... | 567 | 417 | 8 | 682 | 544 | |
| Chowan... | 601 | 797 | 1 | 641 | 792 | |
| Currituck... | 635 | 289 | 1 | 968 | 391 | |
| Dare..... | 112 | 131 | 10 | 308 | 210 | |
| Gates..... | 751 | 449 | 2 | 945 | 511 | |
| Hertford... | 905 | 1,029 | .... | 998 | 1,086 | |
| Hyde..... | 554 | 406 | 104 | 944 | 646 | |
| Martin... | 1,275 | 1,166 | 1 | 1,833 | 1,132 | |
| Pamlico... | 428 | 333 | 51 | 738 | 496 | |
| Pasquotank.... | 428 | 749 | 2 | 843 | 1,184 | |
| Perquimans... | 706 | 864 | .... | 833 | 992 | |
| Pitt..... | 1,935 | 1,806 | 8 | 2,136 | 1,898 | |
| Tyrell.... | 332 | 240 | 2 | 535 | 249 | |
| Washington.... | 480 | 832 | 61 | 698 | 991 | |
| Total... | 12,084 | 12,135 | 430 | 15,466 | 14,278 | |
| Maj. over | | | | | | |
| next.... | | 51 | | 1,188 | | |
| Per cent... | 49.02 | 49.23 | 1.74 | | | |
| Total v. | | 24,649 | | 29,743 | | |

| | 1878. | | | 1876. | | |
|----------------|----------------|---------------|---------------|--------------|----------------|--|
| | Kitchin. D. | O'Hara. R. | Harris. R. | Green. D. | Brogden. R. | |
| 2d Dist. | | | | | | |
| Craven.... | 785 | 1,333 | 284 | 1,235 | 2,861 | |
| Edgecombe... | 805 | 1,802 | 26 | 245 | 3,855 | |
| Greene.... | 842 | 930 | 16 | 885 | 1,064 | |
| Halifax... | 1,119 | 1,348 | 709 | 1,616 | 3,232 | |
| Jones.... | 584 | 548 | 114 | 585 | 800 | |
| Lenoir... | 1,164 | 702 | 70 | 1,190 | 1,489 | |
| Northampton... | 831 | 1,333 | 227 | 860 | 1,896 | |
| Warren... | 926 | 757 | 867 | 1,502 | 2,477 | |
| Wayne... | 2,244 | 242 | 1,353 | 2,329 | 2,192 | |
| Wilson... | 1,424 | 637 | 312 | 1,727 | 1,192 | |

Total... 10,704 9,682 3,948 11,874 21,060

Maj. over

next.... 1,022

Per cent... 43.84 39.76 16.22

Total v. 24,334 32,934

J. Williams Thorne, Greenback, received 584 votes, all in Warren. There were 28 votes scattering.

In Edgecombe, the canvassers threw out, as irregular, returns giving O'Hara, R., 1,966 votes, Harris, R., 357, and Kitchin, D., 3 votes.

NORTH CAROLINA.—Representatives in Congress. (Continued.)

| 1878. | | | | | 1876. | | | | |
|----------------|----------|----------|----------|----------|-----------------|-------------|---------|----------|-------|
| 2d. Dist. | Waddell. | Russell. | Waddell. | Canaday. | 7th DIST. | Armfield. | Brower. | Robbins. | Dula. |
| | D. | G. & R. | D. | R. | | D. | G. R. | D. | R. |
| Bladen..... | 795 | 1,295 | 1,350 | 1,414 | Alexander | 209 | 58 | 807 | 237 |
| Brunswick.... | 433 | 697 | 994 | 1,032 | Alleghany | 208 | 122 | 516 | 188 |
| Carteret | 707 | 476 | 1,109 | 711 | Ashc..... | No returns. | | 1,083 | 811 |
| Columbus | 1,052 | 765 | 1,412 | 766 | Davie..... | 257 | 187 | 1,018 | 697 |
| Cumberland.. | 1,325 | 1,538 | 2,183 | 2,129 | Forsyth..... | 806 | 629 | 1,490 | 1,486 |
| Duplin..... | 1,494 | 853 | 2,144 | 1,266 | Iredell..... | 873 | 271 | 2,354 | 1,207 |
| Harnett..... | 587 | 498 | 1,037 | 741 | Rowan..... | 573 | 386 | 2,169 | 1,201 |
| Moore..... | 692 | 397 | 1,323 | 1,200 | Surry..... | 543 | 779 | 1,360 | 979 |
| New Hanover | 1,078 | 2,411 | 1,554 | 3,045 | Watauga | 166 | 45 | 699 | 236 |
| Onslow..... | 451 | 408 | 1,229 | 543 | Wilkes..... | 648 | 666 | 1,328 | 1,494 |
| Pender..... | 716 | 1,160 | 1,151 | 1,264 | Yadkin | 475 | 507 | 930 | 1,073 |
| Sampson..... | 1,400 | 1,168 | 2,023 | 1,663 | Total..... | 4,753 | 8,630 | 13,724 | 9,549 |
| Total..... | 10,730 | 11,611 | 17,524 | 15,796 | Scattering, 128 | | | | |
| Maj. over next | | 881 | 1,728 | | Maj. over next | 1,108 | | 4,175 | |
| Per cent..... | 47.99 | 51.92 | | | Per cent..... | 56.56 | 43.43 | | |
| Total vote.. | 22,358 | | 33,320 | | Total vote.. | 8,529 | | 23,273 | |

| 4th Dist. | Davis. | Turner. | Jones. | Davis. | Young. | 8th Dist. | Vance. | Vance. | Hampton. | |
|--------------------|--------|---------|--------|--------|--------|-------------------|------------|--------|----------|-----|
| | D. | I. R. | R. | D. | R. | | D. | D. | R. | |
| Chatham..... | 1,348 | 190 | 458 | 2,140 | 1,854 | Buncombe..... | 388 | 2,038 | 1,032 | |
| Franklin.. | 1,961 | 576 | 718 | 1,873 | 1,910 | Burke..... | No ret'ns. | | 1,222 | 889 |
| Granville.. | 1,911 | 2,591 | 39 | 2,208 | 2,368 | Caldwell..... | 206 | 1,140 | 196 | |
| Johnston.. | 1,397 | 564 | 359 | 2,179 | 1,702 | Cherokee & Graham | 165 | 667 | 474 | |
| Nash..... | 1,123 | 927 | 414 | 1,694 | 1,337 | Clay..... | 89 | 324 | 141 | |
| Orange.... | 1,528 | 1,373 | 51 | 2,408 | 1,651 | Cleveland..... | 451 | 1,716 | 317 | |
| Wake..... | 2,576 | 2,427 | 872 | 4,830 | 4,407 | Haywood..... | 155 | 1,013 | 331 | |
| Total.... | 11,864 | 8,353 | 2,911 | 16,832 | 15,229 | Henderson..... | 148 | 741 | 716 | |
| Maj. over next.... | 3,511 | | | 1,603 | | Jackson..... | 116 | 553 | 234 | |
| Per cent.... | 51.29 | 36.12 | 12.57 | | | Macon..... | 173 | 684 | 215 | |
| Total v. | 23,228 | | | 31,061 | | Madison..... | No ret'ns. | | 927 | 689 |

| 5th Dist. | Scales. | Tougees. | Scales. | Boyd. | 9th Dist. | Vance. | Vance. | Hampton. | |
|----------------|---------|----------|---------|--------|-------------------|------------|--------|----------|-----|
| | D. | R. | D. | R. | | D. | D. | R. | |
| Alamance.... | 1,164 | 785 | 1,346 | 1,147 | Buncombe..... | 388 | 2,038 | 1,032 | |
| Caswell..... | 1,228 | 1,413 | 1,467 | 1,598 | Burke..... | No ret'ns. | | 1,222 | 889 |
| Davidson... | 1,003 | 731 | 1,812 | 1,696 | Caldwell..... | 206 | 1,140 | 196 | |
| Guilford.... | 1,807 | 1,226 | 2,352 | 1,804 | Cherokee & Graham | 165 | 667 | 474 | |
| Person..... | 974 | 847 | 1,193 | 978 | Clay..... | 89 | 324 | 141 | |
| Randolph.. | 1,485 | 1,050 | 1,783 | 1,475 | Cleveland..... | 451 | 1,716 | 317 | |
| Rockingham.. | 1,659 | 1,200 | 2,125 | 1,385 | Haywood..... | 155 | 1,013 | 331 | |
| Stokes..... | 1,006 | 428 | 1,186 | 858 | Henderson..... | 148 | 741 | 716 | |
| Total..... | 10,326 | 7,680 | 13,264 | 11,001 | Jackson..... | 116 | 553 | 234 | |
| Scattering, 4 | | | 2,263 | | Macon..... | 173 | 684 | 215 | |
| Maj. over next | 2,646 | | | | Madison..... | No ret'ns. | | 927 | 689 |
| Per cent..... | 57.33 | 42.64 | | | McDowell..... | 146 | 559 | 636 | |
| Total vote.. | 18,010 | | 24,263 | | Mitchell..... | 145 | 962 | 423 | |

| 6th Dist. | Steele. | Covington. | Steele. | Jordan. | 10th Dist. | Vance. | Vance. | Hampton. | |
|-----------------|---------|------------|---------|---------|-------------------|------------|--------|----------|-----|
| | D. | I. | D. | R. | | D. | D. | R. | |
| Anson..... | 528 | .... | 1,578 | 1,099 | Buncombe..... | 388 | 2,038 | 1,032 | |
| Cabarrus.... | 286 | 1 | 1,617 | 898 | Burke..... | No ret'ns. | | 1,222 | 889 |
| Catawba.... | 434 | .... | 1,840 | 249 | Caldwell..... | 206 | 1,140 | 196 | |
| Gaston..... | 263 | .... | 1,215 | 544 | Cherokee & Graham | 165 | 667 | 474 | |
| Lincoln.... | 261 | .... | 1,139 | 315 | Clay..... | 89 | 324 | 141 | |
| Mecklenburg.. | 913 | 1 | 3,390 | 2,611 | Cleveland..... | 451 | 1,716 | 317 | |
| Montgomery.. | 181 | 19 | 645 | 678 | Haywood..... | 155 | 1,013 | 331 | |
| Richmond.... | 639 | 237 | 1,326 | 1,417 | Henderson..... | 148 | 741 | 716 | |
| Robeson.... | 888 | .... | 2,110 | 1,713 | Jackson..... | 116 | 553 | 234 | |
| Stanly..... | 235 | .... | 914 | 847 | Macon..... | 173 | 684 | 215 | |
| Union..... | 280 | | 1,482 | 412 | Madison..... | No ret'ns. | | 927 | 689 |
| Total..... | 4,906 | 258 | 17,256 | 10,283 | McDowell..... | 146 | 559 | 636 | |
| Scattering, 163 | | | 6,973 | | Mitchell..... | 145 | 962 | 423 | |
| Maj. over next | 4,650 | | | | Polk..... | 83 | 421 | 283 | |
| Per cent.... | 96.74 | 4.53 | | | Rutherford..... | 338 | 1,299 | 1,013 | |
| Total vote.. | 5,328 | | 27,589 | | Swain..... | 61 | 377 | 19 | |

No opposition candidate in the 8th District in 1878.

Total vote : 1878, 120,138 ; 1876, 226,407.

The Legislature of 1878-79 stands :

| | Senate. | House. | Joint Ballot. |
|---------------|---------|--------|---------------|
| Democrats.... | 35 | 84 | 119 |
| Republicans.. | 15 | 36 | 51 |

STATE OF OHIO—State Ticket.

| COUNTIES, 88. | Secretary of State, 1878. | | | | Governor, 1877. | | | | | Pres't, 1876. | |
|------------------|---------------------------|--------------|------------|-----------------|-----------------|---------------|-------------|--------------|----------------|---------------|---------------|
| | Barnes R. | Paige. D. | Ray. G. | Robinson. P. | West. R. | Bishop. D. | Bond. W. | Thomp. P. | Johnson. N. | Hayes R. | Tilden. D. |
| Adams | 2,349 | 2,549 | 7 | 9 | 1,862 | 2,221 | ..... | 24 | ..... | 2,141 | 2,545 |
| Allen | 1,871 | 2,857 | 230 | 4 | 1,956 | 3,048 | ..... | 13 | 150 | 2,481 | 3,518 |
| Ashland | 2,335 | 2,838 | 2 | 8 | 2,121 | 2,824 | ..... | 9 | 3 | 2,387 | 3,021 |
| Ashtabula | 4,984 | 1,518 | 359 | 197 | 5,151 | 1,930 | ..... | 88 | 63 | 6,771 | 2,294 |
| Athens | 2,687 | 1,731 | 447 | 327 | 2,568 | 2,051 | ..... | 145 | 15 | 3,413 | 2,195 |
| Auglaize | 1,028 | 2,416 | 185 | ..... | 1,121 | 2,312 | 7 | ..... | 3 | 1,521 | 3,560 |
| Belmont | 3,953 | 4,218 | 689 | 8 | 4,055 | 4,632 | ..... | 61 | 258 | 4,976 | 5,024 |
| Brown | 2,223 | 3,835 | 187 | ..... | 2,211 | 3,359 | ..... | 19 | 13 | 2,956 | 4,068 |
| Butler | 2,737 | 5,027 | 52 | 17 | 2,581 | 4,997 | 393 | 20 | 4 | 3,351 | 60,29 |
| Carroll | 1,904 | 1,354 | 98 | 5 | 1,888 | 1,465 | ..... | 10 | 8 | 2,060 | 1,554 |
| Champaign | 3,282 | 2,425 | 57 | 119 | 3,279 | 2,582 | 1 | 31 | 12 | 3,528 | 2,872 |
| Clarke | 4,142 | 2,857 | 244 | 500 | 3,351 | 2,785 | 4 | 290 | 210 | 5,136 | 3,536 |
| Clermont | 2,932 | 3,725 | 1,029 | 1 | 3,043 | 3,859 | 2 | 12 | 268 | 3,848 | 4,315 |
| Clinton | 3,103 | 1,927 | 1 | 71 | 2,766 | 1,709 | ..... | 88 | 18 | 3,500 | 2,048 |
| Columbiana | 4,395 | 2,976 | 868 | 16 | 4,255 | 3,441 | ..... | 12 | 545 | 5,417 | 4,000 |
| Coshocton | 2,338 | 2,877 | 108 | 20 | 2,228 | 2,886 | ..... | 3 | 15 | 2,518 | 3,312 |
| Crawford | 1,924 | 3,489 | 258 | 113 | 1,581 | 3,498 | ..... | 88 | 89 | 2,312 | 4,365 |
| Cuyahoga | 12,849 | 8,111 | 5,743 | 685 | 11,634 | 10,644 | 1,519 | 83 | 1,567 | 18,198 | 14,425 |
| Darke | 2,980 | 4,202 | 254 | 20 | 2,612 | 3,947 | ..... | 39 | 211 | 3,577 | 4,607 |
| Defiance | 1,077 | 2,149 | 235 | ..... | 1,017 | 2,095 | ..... | ..... | 455 | 1,520 | 2,888 |
| Delaware | 2,892 | 2,585 | 78 | 352 | 2,383 | 2,501 | ..... | 291 | 20 | 3,237 | 2,809 |
| Erie | 2,600 | 2,558 | 524 | 11 | 2,424 | 2,486 | ..... | 23 | 377 | 3,158 | 3,112 |
| Fairfield | 2,557 | 4,365 | ..... | 9 | 2,417 | 4,161 | 12 | 60 | ..... | 2,770 | 4,597 |
| Fayette | 2,330 | 1,936 | 63 | ..... | 1,992 | 1,726 | 1 | ..... | 6 | 2,436 | 1,874 |
| Franklin | 6,555 | 8,371 | 1,142 | 143 | 5,028 | 7,804 | 16 | 251 | 694 | 7,557 | 9,383 |
| Fulton | 2,013 | 1,299 | 582 | 17 | 1,600 | 1,156 | ..... | 11 | 387 | 2,697 | 1,597 |
| Gallia | 2,801 | 2,251 | 4 | 10 | 2,586 | 1,997 | 7 | 18 | ..... | 3,202 | 2,302 |
| Geauga | 2,235 | 492 | 190 | 36 | 2,256 | 714 | ..... | 6 | 13 | 3,004 | 803 |
| Greene | 3,380 | 1,886 | 37 | 89 | 3,081 | 2,003 | 216 | 162 | ..... | 4,488 | 2,494 |
| Guernsey | 2,843 | 2,320 | 118 | 25 | 2,701 | 2,341 | 1 | 64 | 12 | 3,106 | 2,460 |
| Hamilton | 25,622 | 24,458 | 503 | 8 | 17,156 | 20,525 | 9,076 | 6 | 24 | 28,869 | 29,451 |
| Hancock | 2,363 | 2,804 | 362 | 8 | 2,366 | 2,854 | ..... | 39 | 14 | 2,811 | 3,215 |
| Hardin | 2,908 | 2,786 | 6 | 96 | 2,724 | 2,724 | ..... | 35 | ..... | 2,830 | 2,702 |
| Harrison | 2,129 | 1,739 | 90 | 11 | 2,232 | 1,912 | 2 | 23 | 7 | 2,564 | 20,20 |
| Henry | 767 | 1,833 | 507 | ..... | 967 | 1,843 | ..... | 10 | 19 | 1,527 | 2,445 |
| Highland | 3,191 | 3,338 | ..... | 7 | 3,021 | 3,056 | 5 | 22 | ..... | 3,341 | 3,323 |
| Hocking | 1,355 | 1,820 | 272 | ..... | 1,165 | 1,876 | ..... | 13 | 3 | 1,475 | 2,259 |
| Holmes | 904 | 2,404 | 17 | 2 | 1,000 | 2,780 | ..... | 16 | ..... | 1,241 | 3,171 |
| Huron | 3,366 | 1,514 | 1,811 | 136 | 3,274 | 2,454 | ..... | 128 | 239 | 4,504 | 3,014 |
| Jackson | 2,294 | 2,011 | 66 | 34 | 2,003 | 1,845 | 2 | 30 | 4 | 2,522 | 1,954 |
| Jefferson | 3,254 | 2,155 | 525 | 49 | 3,178 | 2,484 | ..... | 65 | 324 | 4,067 | 2,922 |
| Knox | 2,493 | 3,072 | 601 | 189 | 2,588 | 3,063 | 117 | 199 | 26 | 3,151 | 3,301 |
| Lake | 2,172 | 958 | 356 | 2 | 2,159 | 906 | ..... | 26 | 58 | 2,941 | 1,141 |
| Lawrence | 3,282 | 2,312 | 382 | 32 | 2,650 | 2,417 | 1 | 19 | 463 | 3,975 | 2,949 |
| Licking | 3,061 | 4,650 | 907 | 63 | 2,982 | 4,719 | 1 | 100 | 490 | 3,962 | 5,473 |
| Logan | 2,761 | 1,989 | 42 | 99 | 2,717 | 2,045 | ..... | 98 | 14 | 3,259 | 2,286 |
| Lorian | 4,393 | 2,018 | 485 | 99 | 3,886 | 2,162 | ..... | 37 | 104 | 5,187 | 2,720 |
| Lucas | 3,204 | 3,521 | 3,993 | 11 | 2,671 | 3,155 | 7 | ..... | 4,076 | 6,524 | 5,155 |
| Madison | 2,093 | 2,137 | 28 | 108 | 2,165 | 2,127 | ..... | 25 | ..... | 2,191 | 2,145 |
| Mahoning | 3,562 | 2,684 | 1,184 | ..... | 2,947 | 2,820 | ..... | 34 | 1,339 | 3,921 | 3,691 |
| Marion | 1,770 | 2,196 | 61 | 46 | 1,534 | 2,252 | 23 | 49 | 2 | 1,918 | 2,603 |
| Medina | 2,609 | 1,781 | 71 | 49 | 2,548 | 1,933 | ..... | 32 | 36 | 3,119 | 2,192 |
| Meigs | 3,673 | 2,425 | 236 | 99 | 2,935 | 2,178 | 350 | 97 | ..... | 3,962 | 2,773 |
| Mercer | 860 | 2,182 | 5 | ..... | 708 | 1,878 | ..... | ..... | 12 | 1,128 | 2,840 |
| Miami | 3,814 | 2,834 | 87 | 93 | 3,564 | 3,015 | ..... | 54 | 65 | 4,388 | 3,509 |
| Monroe | 1,084 | 2,947 | 86 | 3 | 1,092 | 2,927 | ..... | 4 | ..... | 1,462 | 3,805 |
| Montgomery | 7,367 | 8,572 | 254 | 127 | 6,311 | 7,930 | 549 | 100 | 9 | 7,921 | 8,971 |
| Morgan | 2,169 | 2,041 | 43 | 146 | 2,065 | 1,981 | ..... | 132 | 16 | 2,376 | 2,108 |
| Morrow | 2,126 | 1,855 | 164 | 172 | 1,942 | 1,945 | ..... | 242 | 19 | 2,450 | 2,046 |
| Muskingum | 4,584 | 4,828 | 495 | 60 | 4,292 | 4,994 | 1 | 68 | 309 | 5,232 | 5,457 |
| Noble | 1,719 | 1,808 | 527 | 24 | 2,058 | 2,017 | ..... | 4 | 1 | 2,225 | 2,096 |
| Ottawa | 729 | 1,985 | 583 | ..... | 946 | 1,944 | ..... | 7 | 82 | 1,336 | 2,208 |
| Paulding | 1,171 | 1,037 | 67 | ..... | 973 | 984 | ..... | 2 | 52 | 1,313 | 1,180 |
| Perry | 1,916 | 2,620 | 823 | ..... | 1,763 | 2,521 | ..... | 14 | 519 | 2,084 | 2,810 |

STATE OF OHIO.—State Ticket. (Continued.)

| COUNTIES, &c. | Secretary of State, 1878. | | | | Governor, 1877. | | | | | Pres't. 1876. | |
|-----------------|---------------------------|--------------|------------|----------------------|-----------------|--------------------|-------------|--------------|---------------------|---------------|--------------------|
| | Barnes R. | Paige. D. | Ray. G. | Robin- son. P. | West R. | Bis- hop- D. | Bond. W. | Thomp. P. | John- son. N. | Hayes R. | Til- den. D. |
| Pickaway.... | 2,303 | 3,304 | 97 | 2 | 2,156 | 3,137 | 2 | 9 | 3 | 2,565 | 3,889 |
| Pike..... | 1,314 | 2,016 | 103 | 89 | 1,125 | 1,711 | 31 | 42 | 1 | 1,465 | 2,096 |
| Portage..... | 3,221 | 2,451 | 408 | 73 | 3,031 | 2,624 | ..... | 69 | 287 | 3,712 | 3,006 |
| Prieble..... | 2,595 | 2,396 | 31 | 244 | 2,461 | 2,356 | 11 | 197 | ..... | 3,004 | 2,551 |
| Putnam..... | 1,110 | 2,548 | 162 | ..... | 1,183 | 2,614 | 1 | 27 | 2 | 1,606 | 3,174 |
| Richland..... | 2,928 | 3,840 | 61 | 77 | 3,091 | 4,187 | ..... | 63 | 10 | 3,649 | 4,407 |
| Ross..... | 3,915 | 4,070 | 292 | ..... | 3,445 | 4,084 | 31 | 3 | 60 | 4,177 | 4,431 |
| Sandusky..... | 1,912 | 2,718 | 1,504 | 40 | 2,320 | 3,037 | ..... | 11 | 139 | 3,032 | 3,330 |
| Scioto..... | 3,179 | 2,973 | 26 | 9 | 2,610 | 2,904 | 6 | 5 | ..... | 3,359 | 3,025 |
| Seneca..... | 3,345 | 4,210 | 544 | ..... | 3,009 | 3,945 | 3 | 84 | 26 | 3,793 | 4,515 |
| Shelby..... | 1,614 | 2,340 | 203 | 5 | 1,565 | 2,544 | ..... | 12 | 35 | 1,985 | 3,141 |
| Stark..... | 5,455 | 5,255 | 969 | 69 | 4,919 | 5,943 | ..... | 111 | 903 | 6,410 | 6,772 |
| Summit..... | 3,923 | 3,300 | 763 | 121 | 3,630 | 3,248 | ..... | 95 | 649 | 5,055 | 3,804 |
| Trumbull..... | 4,299 | 2,152 | 852 | 109 | 4,763 | 2,584 | ..... | 123 | 478 | 6,123 | 3,030 |
| Tuscarawas..... | 2,677 | 3,578 | 687 | 8 | 2,858 | 3,959 | 143 | 1 | 95 | 3,574 | 4,545 |
| Union..... | 2,436 | 1,590 | 5 | 184 | 2,530 | 1,924 | ..... | 61 | 2 | 2,989 | 2,073 |
| Van Wert..... | 2,116 | 2,214 | 52 | 6 | 1,958 | 2,139 | ..... | 11 | 81 | 2,290 | 2,410 |
| Vinton..... | 1,450 | 1,765 | 17 | ..... | 1,250 | 1,749 | ..... | 9 | 2 | 1,533 | 1,617 |
| Warren..... | 3,798 | 2,322 | 6 | 18 | 3,393 | 2,087 | 3 | 67 | 11 | 4,146 | 2,559 |
| Washington..... | 3,626 | 3,861 | 460 | 44 | 3,464 | 40,53 | ..... | 54 | 27 | 4,361 | 4,492 |
| Wayne..... | 3,708 | 4,165 | 239 | 5 | 3,243 | 4,114 | ..... | 30 | 188 | 4,009 | 4,598 |
| Williams..... | 2,269 | 2,280 | 269 | 5 | 2,330 | 2,307 | ..... | 12 | 1 | 2,701 | 2,546 |
| Wood..... | 2,901 | 2,690 | 1,041 | 27 | 2,719 | 2,512 | ..... | 70 | 69 | 4,079 | 3,245 |
| Wyandot..... | 1,907 | 2,448 | 2 | 12 | 1,722 | 2,405 | ..... | 18 | 1 | 2,079 | 2,619 |
| Totals..... | 274,120 | 270,966 | 38,322 | 5,682 | 249,105 | 271,625 | 12,489 | 4,836 | 16,912 | 330,098 | 323,182 |
| Per cent..... | 46.52 | 45.99 | 6.50 | .56 | 44.88 | 48.94 | 2.25 | 0.87 | 3.04 | 50.214 | 49.073 |
| Maj. over next | 3,154 | | | | | 22,520 | | | | 7,516 | |
| Maj. over all, | | | | | | | | | | 2,747 | |

Scattering votes, 28.

Total vote, 589,123

555,660

650,771

The Legislature of 1878-79 stands: Democrats, 93; Republicans, 43; National Greenback Party, 3; total 144.

OHIO—Representatives in Congress—1878.

| 1st DIST. | Butterworth. R. | Saylor. D. | Spohn. G. | Clark. S. | 4th DIST. | Keller. R. | Marquis. D. | Hance. G. | Spahr. P. |
|-----------------|--------------------|----------------|--------------|------------------------|-----------------|---------------|-----------------|----------------|------------------|
| Hamilton Co. | 12,756 | 12,086 | 156 | 273 | Champaign..... | 3,291 | 2,425 | 64 | 118 |
| Plurality | 720 | | | | Clarke..... | 4,143 | 2,813 | 464 | 276 |
| Scattering.... | 16 | | | | Greene..... | 3,375 | 1,881 | 94 | 41 |
| Per cent..... | 50.54 | 47.68 | | | Logan..... | 2,639 | 2,109 | 88 | 45 |
| Total vote..... | | 25,539 | | | Union..... | 2,447 | 1,577 | 160 | 2 |
| 2d DIST. | Young. R. | Goss. D. | Flatt. G. | Ruth- enburg. S. | Total..... | 15,895 | 10,805 | 900 | 482 |
| Hamilton..... | 12,914 | 11,940 | 272 | 260 | Plurality..... | 5,090 | | | |
| Plurality..... | 974 | | | | Scattering.... | 1 | | | |
| Scattering.... | 3 | | | | Per cent..... | 50.60 | 38.47 | 3.50 | |
| Per cent..... | 50.86 | 47.02 | 1.07 | | Total vote..... | | 28,088 | | |
| Total vote..... | | 25,389 | | | 5th DIST. | Wilson. R. | Le Fever. D. | Johnson. G. | Black'f'd. P. |
| 3d DIST. | Schultz. R. | McMahon. D. | Nolan. G. | Staley. P. | Auglaize.... | 1,065 | 2,193 | 842 | .... |
| Montgomery | 7,616 | 8,302 | 214 | 112 | Darke..... | 2,977 | 3,933 | 449 | 20 |
| Rutler..... | 2,905 | 4,849 | 72 | .... | Mercer..... | 854 | 1,978 | 241 | .... |
| Warren..... | 3,831 | 2,286 | 12 | 15 | Miami..... | 3,722 | 2,164 | 824 | 94 |
| Total..... | 14,252 | 15,437 | 228 | 127 | Prieble..... | 2,638 | 2,316 | 64 | 205 |
| Plurality..... | | 1,085 | | | Shelby..... | 1,587 | 2,002 | 472 | .... |
| Per cent..... | 47.45 | 51.04 | 1.03 | | Total..... | 12,843 | 14,676 | 2,393 | 319 |
| Total vote..... | | 30,244 | | | Plurality.... | | 1,883 | | |
| | | | | | Scattering.... | 7 | | | |
| | | | | | Per cent..... | 42.47 | 48.53 | 7.91 | |
| | | | | | Total vote..... | | 30,287 | | |

OHIO.—Representatives in Congress. (Continued.)

| 6th DIST. | Price. R. | Hill. D. | Holgate. G. | 11th DIST. | McKnight. R. | Dickey. D. | Priddy. P. |
|-----------------|----------------|-----------------|----------------|-----------------|----------------------|-----------------|-------------------|
| Allen..... | 1,866 | 2,834 | 232 | Adams..... | 2,408 | 2,499 | 4 |
| Defiance..... | 1,015 | 2,092 | 363 | Brown..... | 2,807 | 3,771 | 154 |
| Fulton..... | 2,009 | 1,332 | 563 | Clermont..... | 3,025 | 3,733 | 946 |
| Henry..... | 607 | 1,816 | 682 | Clinton..... | 3,123 | 1,968 | 1 |
| Paulding..... | 1,136 | 1,093 | 103 | Highland..... | 3,128 | 3,394 | 2 |
| Putnam..... | 1,061 | 2,502 | 253 | Total..... | 13,966 | 15,355 | 1,137 |
| Van Wert..... | 2,144 | 2,169 | 53 | Plurality..... | | 1,389 | |
| Williams..... | 2,244 | 2,272 | 295 | Scattering..... | 6 | | |
| Total..... | 12,072 | 16,110 | 2,544 | Per cent..... | 46.80 | 52.13 | 3.75 |
| Plurality..... | | 4,088 | | Total vote..... | | 29,454 | |
| Scattering..... | 1 | | | 12th DIST. | Neal. R. | Emmitt. D. | Kirkendall. P. |
| Per cent..... | 39.28 | 52.42 | 8.27 | Jackson..... | 2,349 | 1,922 | 32 |
| Total vote..... | | 30,727 | | Lawrence.... | 3,499 | 2,083 | 304 |
| 7th DIST. | Luckey. R. | Hurd. D. | Kahlo. G. | Pike..... | 1,374 | 1,900 | 88 |
| Hancock..... | 2,343 | 2,732 | 443 | Ross..... | 4,102 | 3,722 | 297 |
| Lucas..... | 3,137 | 3,546 | 4,094 | Scioto..... | 3,242 | 2,858 | 31 |
| Ottawa..... | 1,027 | 1,693 | 580 | Total..... | 14,566 | 12,490 | 843 |
| Sandusky..... | 1,920 | 2,697 | 1,527 | Plurality..... | 2,076 | | 122 |
| Wood..... | 2,851 | 2,514 | 1,349 | Per cent..... | 51.92 | 44.53 | 3.00 |
| Total..... | 11,278 | 13,182 | 7,808 | Scattering.... | 18 | | |
| Plurality..... | | 1,904 | | Total vote..... | | 28,093 | |
| Scattering..... | 7 | | | 13th DIST. | Van Vorhes. R. | Warner. D. | Geddes. G. |
| Per cent..... | 31.83 | 40.64 | 24.89 | Athens..... | 2,934 | 1,740 | 362 |
| Total vote..... | | 32,360 | | Monroe..... | 1,172 | 2,779 | 138 |
| 8th DIST. | Foster. R. | Finley. D. | Brown, G. | Morgan..... | 2,201 | 2,037 | 38 |
| Crawford.... | 2,232 | 3,255 | 217 | Noble..... | 1,760 | 1,807 | 464 |
| Hardin..... | 3,022 | 2,706 | 4 | Washington. | 3,760 | 3,587 | 437 |
| Marion..... | 1,850 | 2,180 | 59 | Total..... | 11,827 | 11,950 | 1,437 |
| Morrow..... | 2,176 | 1,826 | 157 | Plurality..... | | 123 | |
| Seneca..... | 3,710 | 3,966 | 421 | Scattering.... | 2 | | |
| Wyandot.... | 1,994 | 2,354 | 2 | Per cent..... | 46.23 | 46.71 | 5.80 |
| Total..... | 14,982 | 16,237 | 860 | Total vote..... | | 25,579 | |
| Plurality..... | | 1,255 | | 14th DIST. | Morton. R. | Atherton. D. | McGinnis. G. |
| Scattering.... | 4 | | | Guernsey..... | 2,673 | 2,325 | 196 |
| Per cent..... | 46.20 | 50.17 | 2.65 | Licking..... | 2,943 | 4,599 | 981 |
| Total vote..... | | 32,363 | | Muskingum... | 4,540 | 4,793 | 588 |
| 9th DIST. | English. R. | Converse. D. | Lewis. G. | Perry..... | 1,907 | 2,653 | 776 |
| Delaware.... | 2,856 | 2,565 | 101 | Total..... | 12,063 | 14,350 | 2,491 |
| Fayette.... | 2,292 | 1,956 | 86 | Plurality..... | | 2,287 | |
| Franklin.... | 7,176 | 7,900 | 964 | Per cent..... | 41.73 | 49.64 | 8.61 |
| Madison.... | 2,100 | 2,135 | 28 | Scattering.... | 1 | | |
| Pickaway.... | 2,374 | 3,290 | 96 | Total vote..... | | 28,905 | |
| Total..... | 16,793 | 17,726 | 1,275 | 15th DIST. | Jones. R. | Geddes. D. | Pepper. G. |
| Plurality..... | | 988 | | Coshocton.... | 2,332 | 2,880 | 103 |
| Scattering.... | 2 | | | Holmes..... | 993 | 2,298 | 5 |
| Per cent..... | 46.18 | 48.90 | 3.60 | Knox..... | 2,299 | 2,933 | 881 |
| Total vote..... | | 36,360 | | Richland.... | 2,800 | 3,865 | 86 |
| 10th DIST. | Horton. R. | Ewing. D. | Smart. G. | Tuscarawas. | 2,596 | 3,532 | 771 |
| Fairfield.... | 2,572 | 4,354 | | Total..... | 11,029 | 15,597 | 1,849 |
| Gallia..... | 2,777 | 2,292 | | Plurality..... | | 4,568 | |
| Hocking.... | 1,419 | 1,971 | 76 | Per cent..... | 33.38 | 54.28 | 6.40 |
| Meigs..... | 3,961 | 2,328 | 100 | Scattering.... | 1 | | |
| Vinton..... | 1,516 | 1,734 | | Total vote..... | | 28,732 | |
| Total..... | 12,245 | 12,679 | 176 | 16th DIST. | M'Kinley. R. | Wiley. D. | Hunter. G. |
| Plurality..... | | 434 | | Ashland..... | 2,435 | 2,731 | 7 |
| Scattering.... | 18 | | | Portage..... | 3,245 | 2,469 | 378 |
| Per cent..... | 47.79 | 49.44 | 6.86 | Stark..... | 5,931 | 5,027 | 719 |
| Total vote..... | | 25,645 | | Wayne..... | 3,873 | 4,028 | 168 |
| | | | | Total..... | 15,489 | 14,255 | 1,272 |
| | | | | Plurality..... | 1,234 | | |
| | | | | Per cent..... | 49.73 | 45.82 | 4.08 |
| | | | | Total vote..... | | 31,110 | |

OHIO.—Representatives in Congress. *Continued.*)

| 17th DIST. | Monroe. R. | Miller. D. | 19th DIST. | Garfield. R. | Hubbard. D. | Tuttle. G. | Reeve. P. | | |
|-----------------|------------------|---------------|-----------------|-----------------|-----------------|-----------------|--------------|--------------|-------------|
| Erie..... | 2,613 | 3,069 | Ashtabula... | 4,916 | 1,566 | 386 | .... |  |  |
| Huron..... | 3,415 | 3,344 | Geauga..... | 2,208 | 441 | 247 | .... |  |  |
| Lorain..... | 4,450 | 2,515 | Lake..... | 2,161 | 757 | 523 | .... |  |  |
| Medina..... | 2,648 | 1,853 | Mahoning... | 3,592 | 2,647 | 1,181 | .... |  |  |
| Summit..... | 4,087 | 3,794 | Trumbull... | 4,289 | 2,142 | 806 | 98 | | |
| Total..... | 17,213 | 14,575 | Total..... | 17,166 | 7,553 | 3,148 | 98 | | |
| Majority..... | 2,688 | | Plurality.... | 9,613 | | | | | |
| Scattering.... | 1 | | Per cent..... | 61.84 | 26.99 | 11.25 | | | |
| Per cent..... | 54.14 | 45.84 | Scattering... | 17 | | | | | |
| Total vote..... | 31,789 | | Total vote..... | 27,982 | | | | | |
| 18th DIST. | Updegraff. R. | Lawson. D. | Smith. G. | Grimes. P. | 20th DIST. | Townsend. R. | Poe. D. | Shove. G. | Doan. P. |
| Belmont..... | 3,842 | 4,305 | 685 | 8 | Cuyahoga... | 13,081 | 7,271 | 4,934 | 2,085 |
| Carroll..... | 1,899 | 1,270 | 96 | 3 | Plurality.... | 5,810 | | | |
| Columbiana. | 4,294 | 3,078 | 839 | .... | Per cent.... | 47.79 | 26.56 | 17.66 | 7.61 |
| Harrison.... | 2,077 | 1,768 | 80 | 11 | Total vote..... | 27,371 | | | |
| Jefferson.... | 3,208 | 2,174 | 581 | 20 | | | | | |
| Total..... | 15,320 | 12,593 | 2,231 | 37 | | | | | |
| Plurality ... | 2,737 | | | | | | | | |
| Scattering... | 90 | | | | | | | | |
| Per cent.... | 50.60 | 41.60 | 7.37 | | | | | | |
| Total vote..... | 30,271 | | | | | | | | |

NOTE.—The Congressional districts having been radically changed by re-districting at the Legislative session of 1878, comparisons with the Presidential vote of 1876 may be made by counties.

STATE OF OREGON.—June, 1878.

| COUNTIES—23. | CONGRESS, 1878. | | | SEC. OF STATE. | | | CONGRESS, '76 | | PRESID'T, '76. | |
|--------------------|-----------------|------------------|-----------------|----------------|---------------|--------------|-----------------|-------------|----------------|---------------|
| | Hines. R. | Whiteaker. D. | Campbell. G. | Earhart. R. | Reames. D. | Cates. G. | Williams. R. | Lane. D. | Hayes. R. | Tilden. D. |
| Baker..... | 334 | 562 | 1 | 372 | 538 | .... | 329 | 540 | 319 | 549 |
| Benton..... | 578 | 749 | 31 | 665 | 596 | 131 | 651 | 594 | 615 | 567 |
| Clackamas.... | 944 | 790 | 62 | 1,003 | 760 | 56 | 952 | 734 | 950 | 724 |
| Clatsop..... | 509 | 527 | 1 | 530 | 504 | 1 | 430 | 387 | 432 | 385 |
| Columbia.... | 184 | 200 | 2 | 187 | 201 | 2 | 153 | 197 | 156 | 179 |
| Cook..... | 544 | 544 | .... | 566 | 526 | .... | 553 | 530 | 571 | 515 |
| Curry..... | 149 | 168 | .... | 156 | 165 | .... | 131 | 128 | 131 | 126 |
| Douglas..... | 1,035 | 1,098 | 8 | 1,076 | 1,072 | 3 | 1,023 | 828 | 1,002 | 847 |
| Grant..... | 459 | 473 | 7 | 49 | 445 | 7 | 317 | 280 | 314 | 277 |
| Jackson..... | 592 | 819 | 185 | 545 | 850 | 172 | 592 | 828 | 585 | 840 |
| Josephine.... | 193 | 277 | 2 | 187 | 242 | 73 | 208 | 247 | 209 | 252 |
| Lake..... | 190 | 296 | 1 | 195 | 284 | 1 | 171 | 250 | 173 | 258 |
| Lane..... | 872 | 999 | 131 | 945 | 928 | 142 | 964 | 944 | 949 | 946 |
| Linn..... | 1,100 | 1,477 | 392 | 1,134 | 1,411 | 444 | 1,371 | 1,438 | 1,324 | 1,404 |
| Marion..... | 1,645 | 1,258 | 123 | 1,705 | 1,300 | 124 | 1,780 | 1,155 | 1,782 | 1,154 |
| Multnomah... 2,226 | 1,814 | 20 | 2,379 | 1,750 | 18 | 2,103 | 1,527 | 2,123 | 1,525 | 1,525 |
| Polk..... | 686 | 766 | 121 | 689 | 692 | 159 | 625 | 567 | 608 | 542 |
| Tillamook.... | 119 | 67 | 3 | 121 | 67 | 8 | 120 | 76 | 119 | 76 |
| Umatilla..... | 631 | 965 | 11 | 658 | 965 | 14 | 503 | 738 | 486 | 742 |
| Union..... | 452 | 620 | 78 | 474 | 611 | 87 | 370 | 539 | 366 | 625 |
| Wasco..... | 618 | 851 | 4 | 635 | 857 | 2 | 482 | 626 | 491 | 621 |
| Washington... 740 | 556 | 6 | 755 | 548 | 5 | 694 | 417 | 692 | 423 | 423 |
| Yamhill..... | 848 | 848 | .... | 865 | 830 | 2 | 814 | 669 | 810 | 674 |
| Total..... | 14,593 | 16,744 | 1,184 | 16,333 | 16,042 | 1,447 | 15,347 | 14,239 | 15,206 | 14,149 |
| Maj. over next. | 1,151 | .... | 291 | .... | .... | .... | 1,108 | .... | 1,067 | .... |
| Per cent..... | 46.51 | 49.95 | 4.53 | 48.29 | 47.43 | 4.27 | 51.85 | 48.15 | 50.90 | 47.49 |
| Total vote..... | 33,521 | | | 33,822 | | | 29,586 | | 29,355 | |

In 1878 the vote for Governor was as follows: W. W. Thayer (Dem.), 16,201 (elected); C. C. Beekman (Rep.), 16,132; M. Wilkins (Greenback), 1,432 John Whiteaker (Dem.) was elected to Congress by 1,151 plurality. P. Earhart (Rep.) was elected Secretary of State by a plurality of 201 votes.

PENNSYLVANIA.—State Ticket.

| COUNTIES.—67. | GOVERNOR. 1878. | | | | TREASURER. 1877. | | | | PRESIDENT. 1876. | |
|-------------------------|-----------------|---------------|---------------|---------------|------------------|----------------|--------------------|-----------------|------------------|-----------------|
| | Hoyt. Rep. | Dill. Dem. | Mason. Gr. | Lane. Pro. | Hart. Rep. | Noyes. Dem. | Wright. Gr.&La. | C'rant. Pro. | Hayes. Rep. | Tilden. Dem. |
| Adams..... | 2,742 | 3,361 | 139 | 1 | 2,032 | 2,827 | 76 | 6 | 2,921 | 3,439 |
| Allegheny..... | 20,601 | 13,186 | 7,724 | 396 | 13,468 | 10,331 | 7,575 | 120 | 28,729 | 19,247 |
| Armstrong..... | 3,207 | 2,693 | 1,899 | 13 | 1,859 | 1,764 | 204 | 1 | 4,613 | 3,821 |
| Beaver..... | 3,571 | 2,968 | 496 | 31 | 2,929 | 2,342 | 267 | 12 | 3,982 | 2,949 |
| Bedford..... | 3,014 | 3,347 | 202 | 7 | 2,164 | 2,655 | 58 | 9 | 3,210 | 3,532 |
| Berks..... | 6,506 | 13,480 | 1,755 | 7 | 4,455 | 10,579 | 1,123 | 5 | 8,020 | 15,009 |
| Blair..... | 3,700 | 3,390 | 968 | 37 | 2,903 | 2,779 | 1,248 | 40 | 4,752 | 3,933 |
| Bradford..... | 6,010 | 3,132 | 1,846 | 105 | 4,223 | 2,683 | 578 | 447 | 8,008 | 4,989 |
| Bucks..... | 7,601 | 7,552 | 200 | 26 | 5,442 | 6,020 | 147 | 84 | 7,722 | 8,023 |
| Bulter..... | 3,766 | 3,892 | 2,216 | 93 | 2,939 | 3,218 | 277 | 62 | 5,643 | 4,890 |
| Cambria..... | 2,196 | 3,342 | 1,081 | 55 | 1,489 | 2,921 | 820 | 98 | 2,989 | 4,257 |
| Cameron..... | 408 | 381 | 219 | 6 | 310 | 588 | 13 | ... | 572 | 543 |
| Carbon..... | 2,150 | 2,260 | 1,041 | 6 | 1,198 | 1,611 | 825 | 13 | 2,758 | 3,106 |
| Centre..... | 2,059 | 3,827 | 1,466 | 21 | 1,854 | 3,046 | 421 | 25 | 3,266 | 4,065 |
| Chester..... | 8,178 | 5,466 | 205 | 499 | 5,852 | 4,231 | 44 | 303 | 9,715 | 6,621 |
| Clarion..... | 2,265 | 4,032 | 1,482 | 12 | 1,388 | 2,347 | 46 | 4 | 3,060 | 4,167 |
| Clearfield..... | 1,602 | 3,207 | 1,168 | 18 | 1,157 | 2,589 | 56 | 12 | 2,318 | 4,220 |
| Clinton..... | 1,814 | 2,699 | 347 | 19 | 794 | 2,209 | 404 | 21 | 1,809 | 2,973 |
| Columbia..... | 1,451 | 3,278 | 1,159 | 20 | 962 | 2,760 | 300 | 10 | 2,069 | 4,390 |
| Crawford..... | 5,957 | 3,833 | 3,528 | 27 | 6,002 | 5,266 | 486 | 11 | 7,345 | 6,536 |
| Cumberland..... | 3,743 | 4,831 | 556 | 2 | 2,865 | 3,893 | 191 | 7 | 4,150 | 5,092 |
| Dauphin..... | 6,591 | 5,320 | 1,468 | 4 | 4,848 | 3,923 | 1,036 | 8 | 7,494 | 5,474 |
| Delaware..... | 4,769 | 3,137 | 364 | 51 | 3,121 | 1,789 | 513 | 42 | 5,484 | 3,250 |
| Elk..... | 426 | 1,100 | 378 | 1 | 447 | 1,098 | 74 | ... | 534 | 1,390 |
| Erie..... | 6,044 | 4,237 | 1,635 | 2 | 4,893 | 3,677 | 181 | 45 | 8,724 | 6,479 |
| Fayette..... | 2,654 | 4,211 | 1,327 | 201 | 3,163 | 4,053 | 929 | 25 | 4,379 | 5,594 |
| Forest..... | 318 | 267 | 277 | 2 | 316 | 251 | ... | 16 | 464 | 385 |
| Franklin..... | 4,734 | 4,691 | 41 | 14 | 4,042 | 3,936 | 2 | 25 | 4,697 | 4,620 |
| Fulton..... | 794 | 1,222 | ... | ... | 712 | 1,056 | ... | ... | 821 | 1,199 |
| Greene..... | 1,606 | 3,229 | 120 | 59 | 1,350 | 2,812 | 1 | ... | 1,956 | 3,719 |
| Huntington..... | 3,073 | 2,736 | 639 | 33 | 2,371 | 1,995 | 720 | ... | 3,493 | 2,932 |
| Indiana..... | 3,486 | 1,557 | 2,155 | 18 | 3,125 | 1,328 | 28 | 64 | 4,934 | 2,243 |
| Jefferson..... | 1,944 | 2,140 | 814 | 1 | 1,105 | 1,450 | 62 | 7 | 2,350 | 2,459 |
| Juniata..... | 1,473 | 1,851 | 142 | ... | 837 | 1,146 | 69 | 6 | 1,550 | 2,013 |
| Lackawanna (New Co.) | 4,898 | 1,674 | 3,588 | 157 | ... | ... | ... | ... | ... | ... |
| Lancaster..... | 15,518 | 8,714 | 225 | 148 | 12,134 | 7,494 | 86 | 110 | 17,425 | 9,638 |
| Lawrence..... | 2,876 | 1,605 | 383 | 137 | 2,491 | 1,663 | 128 | 113 | 3,429 | 1,763 |
| Lebanon..... | 3,914 | 2,616 | 382 | 17 | 2,459 | 1,866 | 21 | 7 | 4,552 | 3,028 |
| Lehigh..... | 4,975 | 6,705 | 270 | 5 | 3,708 | 5,881 | 225 | 3 | 5,585 | 7,758 |
| Luzerne..... | 7,322 | 4,414 | 6,086 | 27 | 6,599 | 4,469 | 14,538 | 226 | 14,920 | 13,395 |
| Lycoming..... | 3,207 | 4,909 | 2,062 | 45 | 2,263 | 4,272 | 1,551 | 9 | 4,110 | 5,423 |
| McKean..... | 1,504 | 1,282 | 742 | 1 | 814 | 811 | 1 | ... | 1,427 | 1,320 |
| Mercer..... | 4,436 | 3,708 | 1,850 | 273 | 3,333 | 3,160 | 272 | 99 | 5,508 | 4,586 |
| Mifflin..... | 1,744 | 1,756 | 59 | 39 | 1,323 | 1,520 | 51 | 22 | 1,717 | 1,892 |
| Monroe..... | 602 | 2,829 | 430 | 3 | 498 | 2,349 | 26 | ... | 776 | 3,280 |
| Montgomery..... | 9,006 | 9,164 | 381 | 47 | 7,369 | 7,760 | 511 | 30 | 9,386 | 9,654 |
| Montour..... | 772 | 1,378 | 483 | 4 | 500 | 1,287 | 344 | 11 | 1,136 | 1,727 |
| Northampton..... | 4,035 | 7,504 | 1,079 | 10 | 3,101 | 6,243 | 1,600 | 12 | 5,311 | 9,271 |
| Northumberland..... | 3,281 | 4,584 | 1,480 | 28 | 2,164 | 3,547 | 700 | 65 | 4,269 | 5,061 |
| Perry..... | 2,697 | 2,711 | 97 | ... | 2,174 | 2,391 | 203 | 5 | 2,664 | 2,789 |
| Philadelphia..... | 70,099 | 53,755 | 3,211 | 154 | 56,897 | 51,317 | 5,095 | 49 | 77,075 | 62,110 |
| Pike..... | 497 | 1,135 | 56 | 3 | 332 | 925 | ... | 2 | 443 | 1,337 |
| Potter..... | 1,326 | 694 | 669 | 15 | 1,133 | 890 | 360 | ... | 1,621 | 1,280 |
| Schuylkill..... | 5,994 | 7,657 | 6,508 | 16 | 5,250 | 6,731 | 4,020 | ... | 8,679 | 10,456 |
| Snyder..... | 1,814 | 1,494 | 154 | 3 | 1,340 | 1,059 | 61 | 4 | 1,922 | 1,539 |
| Somerset..... | 3,124 | 2,140 | 398 | 15 | 2,438 | 1,556 | 56 | 16 | 3,784 | 2,396 |
| Sullivan..... | 456 | 602 | 379 | 1 | 372 | 546 | 363 | 21 | 502 | 879 |
| Susquehanna..... | 3,832 | 2,246 | 1,825 | 106 | 2,511 | 1,894 | 822 | 66 | 4,823 | 3,835 |
| Tioga..... | 4,253 | 2,128 | 1,681 | 62 | 3,113 | 1,670 | 816 | 20 | 5,892 | 2,720 |
| Union..... | 1,836 | 1,656 | 172 | 11 | 1,187 | 972 | 59 | 10 | 2,154 | 1,490 |
| Venango..... | 3,482 | 3,035 | 1,229 | 311 | 2,355 | 2,316 | 509 | 208 | 3,841 | 4,470 |
| Warren..... | 2,175 | 1,026 | 1,822 | 29 | 1,753 | 1,490 | 320 | 108 | 3,151 | 2,365 |
| Washington..... | 5,263 | 4,904 | 822 | 23 | 4,211 | 3,977 | 310 | 11 | 5,806 | 5,323 |
| Wayne..... | 1,937 | 1,625 | 1,384 | 206 | 2,046 | 2,638 | 135 | 66 | 2,760 | 3,680 |
| Westmoreland..... | 4,795 | 5,969 | 1,642 | 18 | 3,649 | 5,121 | 792 | 2 | 6,217 | 7,466 |
| Wyoming..... | 1,417 | 1,600 | 474 | 20 | 1,331 | 1,666 | 53 | 18 | 1,679 | 2,020 |
| York..... | 5,960 | 9,644 | 79 | 38 | 3,943 | 7,102 | 48 | 36 | 6,827 | 10,403 |
| Total..... | 319,490 | 297,137 | 81,758 | 3,759 | 241,816 | 251,717 | 52,854 | 2,827 | 384,122 | 306,158 |
| Per cent of whole..... | 45.50 | 42.31 | 11.64 | 0.53 | 44.02 | 45.83 | 9.62 | 0.51 | 50.62 | 43.25 |
| Majority over next..... | 22,353 | ... | ... | ... | ... | 9,901 | ... | ... | 17,964 | ... |
| Total vote..... | ... | 702,144 | ... | ... | ... | 540,214 | ... | ... | 738,... | ... |

PENNSYLVANIA.—Representatives in Congress.

| | 1878. | | | 1876. | | |
|---------------|----------|-------------|------------|----------|--------|--|
| 1. | Bingham. | M'Candless. | Stevenson. | Freeman. | Thack. | |
| | R. | D. | G. | R. | D. | |
| Philadelphia. | 3,805 | 1,529 | 1,233 | 8,591 | 2,749 | |
| 1st ward... | 1,898 | 1,245 | 1,658 | 2,203 | 3,108 | |
| 7th ward... | 3,027 | 1,171 | 280 | 3,560 | 1,790 | |
| 26th ward... | 2,703 | 1,097 | 671 | 2,733 | 1,735 | |
| 30th ward... | 2,723 | 1,282 | 881 | 2,934 | 1,849 | |
| Total | 18,751 | 6,324 | 4,223 | 15,021 | 11,231 | |
| Majority | 7,427 | | | 3,791 | | |
| Per cent. | 56.59 | 26.02 | 17.37 | 52.21 | 42.77 | |
| Total vote | 24,298 | | | 26,252 | | |

| 2. | O'Neill. | Gibson. | Keyser. | O'Neill. | Gibson. | |
|---------------|----------|---------|---------|----------|---------|--|
| | R. | D. | G. | R. | D. | |
| 8th ward... | 1,924 | 1,090 | 4 | 2,109 | 1,274 | |
| 9th ward... | 1,312 | 958 | 11 | 1,427 | 1,236 | |
| 10th ward... | 2,494 | 968 | 87 | 2,676 | 1,834 | |
| 13th ward... | 1,873 | 1,104 | 87 | 1,934 | 1,462 | |
| 14th ward... | 1,979 | 1,336 | 103 | 2,372 | 1,654 | |
| 17th w. (pt.) | 580 | 1,267 | 47 | 581 | 1,725 | |
| 20th ward... | 3,951 | 2,264 | 163 | 4,152 | 3,196 | |
| Total | 14,063 | 9,177 | 402 | 15,201 | 11,881 | |
| Majority | 4,886 | | | 3,320 | | |
| Per cent. | 59.50 | 38.86 | 1.62 | 56.13 | 43.86 | |
| Total vote | 23,642 | | | 27,082 | | |

| 3. | Shedden. | Randall. | Berry. | Randall. | |
|--------------|----------|----------|--------|----------|--|
| | G. & R. | D. | R. | D. | |
| 3d ward... | 1,063 | 1,802 | 1,226 | 2,027 | |
| 4th ward... | 1,164 | 2,073 | 1,419 | 2,264 | |
| 5th ward... | 1,577 | 1,364 | 1,853 | 1,489 | |
| 6th ward... | 877 | 1,002 | 728 | 1,227 | |
| 11th ward... | 786 | 1,410 | 773 | 1,606 | |
| 12th ward... | 1,106 | 1,397 | 1,420 | 1,411 | |
| 16th ward... | 1,317 | 1,609 | 1,570 | 1,727 | |
| Total | 7,970 | 10,717 | 8,969 | 11,751 | |
| Majority | 2,747 | | | 2,762 | |
| Per cent. | 42.79 | 57.20 | 43.35 | 56.65 | |
| Total vote | 18,687 | | | 20,740 | |

| 4. | Kelley. | Banes. | Kelley. | School. | |
|--------------|---------|--------|---------|---------|--|
| | G. & R. | D. | R. | D. | |
| 15th ward... | 4,161 | 3,135 | 4,953 | 3,850 | |
| 21st ward... | 2,035 | 1,954 | 1,933 | 1,872 | |
| 24th ward... | 3,561 | 2,677 | 3,655 | 2,773 | |
| 27th ward... | 2,162 | 802 | 2,307 | 1,021 | |
| 28th ward... | 2,626 | 1,592 | 2,639 | 1,740 | |
| 29th ward... | 3,041 | 2,377 | 3,335 | 2,176 | |
| Total | 17,766 | 11,607 | 18,820 | 12,432 | |
| Majority | 6,039 | | | 6,388 | |
| Per cent. | 60.39 | 39.60 | 60.22 | 39.77 | |
| Total vote | 29,483 | | | 31,252 | |

| 5. | Harmer. | Dallam. | Steph. | Harmer. | Duvall. | |
|---------------|---------|---------|--------|---------|---------|--|
| | R. | D. | G. | R. | D. | |
| 17th w. (pt.) | 534 | 503 | 46 | 727 | 681 | |
| 18th ward... | 3,071 | 1,728 | 263 | 3,270 | 2,171 | |
| 19th ward... | 3,010 | 2,436 | 470 | 3,248 | 3,254 | |
| 22d ward... | 2,854 | 1,383 | 36 | 2,870 | 1,965 | |
| 23d ward... | 2,562 | 1,405 | 96 | 2,803 | 1,841 | |
| 25th ward... | 2,333 | 2,645 | 279 | 2,321 | 2,768 | |
| 31st ward... | 2,420 | 1,563 | 350 | 2,734 | 2,042 | |
| Total | 16,784 | 11,742 | 1,539 | 17,973 | 14,722 | |
| Majority | 5,042 | | | 3,251 | | |
| Per cent. | 55.82 | 39.75 | 5.12 | 54.97 | 45.02 | |
| Total vote | 30,065 | | | 32,695 | | |

| | 1878. | | | 1876. | | |
|------------|--------|---------|----------|--------|----------|--|
| 6. | Ward. | Custer. | Hibbard. | Ward. | Hartman. | |
| | R. | D. | G. | R. | D. | |
| Chester | 8,195 | 5,402 | 211 | 9,709 | 6,579 | |
| Delaware | 4,846 | 2,883 | 498 | 5,511 | 3,138 | |
| Total | 13,041 | 8,285 | 709 | 15,220 | 9,717 | |
| Majority | 4,756 | | | 5,503 | | |
| Per cent. | 59.18 | 37.59 | 3.22 | 61.08 | 38.96 | |
| Total vote | 22,035 | | | 24,937 | | |

| 7. | Godshalk. | James. | Acker. | Evans. | Rambo. | |
|--------------|-----------|--------|--------|--------|--------|--|
| | R. | D. | G. | R. | D. | |
| Bucks (part) | 6,147 | 4,501 | 185 | 6,403 | 4,634 | |
| Montgom'y. | 8,945 | 9,253 | 884 | 9,362 | 9,613 | |
| Total | 15,092 | 13,754 | 569 | 15,765 | 14,247 | |
| Majority | 1,338 | | | 1,538 | | |
| Per cent. | 51.65 | 47.06 | 1.28 | 52.22 | 47.77 | |
| Total vote | 29,415 | | | 30,012 | | |

| 8. | Maltzberger. | Clymer. | Yoder. | Markley. | Clymer. | |
|--|--------------|---------|--------|----------|---------|--|
| | R. | D. | G. | R. | D. | |
| Berks | 6,428 | 12,419 | 2,330 | 6,213 | 15,239 | |
| Majority | 5,991 | | | 9,026 | | |
| Per cent. | 30.35 | 53.64 | 11.02 | 28.96 | 71.03 | |
| Total vote | 21,177 | | | 23,230 | | |
| In 1876, Shearer, Greenback, had 1780 votes. | | | | | | |

| 9. | Smith. | Wilson. | Clair. | Smith. | Nauman. | |
|------------|--------|---------|--------|--------|---------|--|
| | R. | D. | G. | R. | D. | |
| Lancaster | 15,486 | 8,605 | 273 | 17,419 | 9,574 | |
| Majority | 6,861 | | | 7,825 | | |
| Per cent. | 63.56 | 35.31 | 1.12 | 64.53 | 35.46 | |
| Total vote | 24,364 | | | 26,993 | | |

| 10. | Whitaker. | Bachman. | Longaker. | Reeder. | Bridges. | |
|---|-----------|----------|-----------|---------|----------|--|
| | R. | D. | G. | R. | D. | |
| Bucks (part) | 245 | 2,895 | 1,038 | 1,324 | 3,356 | |
| Lehigh | 906 | 6,619 | 4,358 | 5,536 | 7,627 | |
| N'thampton | 3,278 | 7,164 | 1,933 | 5,376 | 9,136 | |
| Total | 4,429 | 16,678 | 7,329 | 12,256 | 20,119 | |
| Majority | 9,349 | | | 7,863 | | |
| Per cent. | 15.57 | 58.65 | 25.77 | 37.87 | 62.18 | |
| Total vote | 28,436 | | | 32,375 | | |
| 11th District. Three different returns of the vote were made—one throwing out Montour Co. entirely, as follows: | | | | | | |

| 11. | Albright. | Klotz. | Brockway. | Orvis. | Waller. | Collins. | |
|-------------|-----------|--------|-----------|--------|---------|----------|--|
| | R. | D. | G. | R. | D. | | |
| Carbon | 2,319 | 2,061 | 181 | 896 | 2,842 | 3,100 | |
| Columbia | 1,523 | 1,023 | 1,930 | 1,277 | 2,271 | 4,151 | |
| Lz'ne (pt) | 1,924 | 1,293 | 618 | 1,267 | 3,039 | 4,607 | |
| Lkw'na (pt) | 448 | 18 | 474 | 739 | | | |
| Monroe | 655 | 2,230 | 287 | 445 | 719 | 3,192 | |
| Pike | 463 | 596 | 556 | 89 | 99 | 601 | |
| Total | 7,382 | 7,271 | 3,946 | 4,715 | 10,172 | 18,548 | |
| Majority | 8,376 | | | | | | |
| Per cent. | 35.41 | 64.57 | | | | | |
| Total vote | 28,720 | | | | | | |

The other two returns were as follows:
 Klotz, Dem., 8211; Albright, Rep., 8116;
 Brockway, Dem., 4345; Orvis, Gr., 5173.
 (Signed by the judges of Monroe, Pike, Montour, Columbia and part of Lackawanna.)
 Klotz, 4867; Albright, 3873; Brockway, 3596;
 Orvis, 3018. (Signed by the judges of Monroe, Pike, Montour, Columbia, Carbon, part of Luzerne, and part of Lackawanna.)

PENNSYLVANIA.—Representatives in Congress. (Continued.)

| | 1878. | | 1876. | |
|-----------------|----------------|--------------------|--------------|---------------|
| 12. | Roberts. R. | Wright. G. & D. | Fayne. R. | Wright. D. |
| Lackawa'a (pt.) | 4,081 | 4,432 | | |
| Luzerne (part.) | 5,043 | 7,365 | 12,101 | 13,557 |
| Total | 9,124 | 11,817 | | |
| Majority | 2,693 | | | 1,456 |
| Per cent. | 43.36 | 55.43 | 47.16 | 52.83 |
| Total vote | 20,941 | | 25,668 | |

| 13. | Fisher. R. | Ryon. D. | Brumm. G. | Nutting. R. | Reilly. D. |
|-------------|---------------|-------------|--------------|----------------|---------------|
| Schuylkill. | 5,698 | 7,330 | 7,128 | 10,026 | 10,107 |
| Majority | | 193 | | | 81 |
| Per cent. | 27.78 | 36.37 | 35.88 | 49.79 | 50.20 |
| Total vote | 20,146 | | 20,133 | | |

| 14. | Killin. ger. R. | Withing. ton. D. | Earley. G. | Killin. ger. R. | Wilson. ton. D. |
|------------|-----------------------|------------------------|---------------|-----------------------|-----------------------|
| Dauphin | 6,483 | 5,079 | 1,844 | 7,343 | 5,471 |
| Lebanon | 3,813 | 2,465 | 606 | 4,487 | 3,013 |
| Northum'd. | 3,363 | 4,489 | 1,512 | 4,624 | 5,239 |
| Total | 13,659 | 12,033 | 3,962 | 16,454 | 13,723 |
| Majority | 1,626 | | | 2,731 | |
| Per cent. | 46.06 | 40.58 | 13.35 | 54.52 | 47.47 |
| Total vote | 29,654 | | 30,177 | | |

In 1876, Deming, Gr., had 532 votes in Dauphin and 1 each in Lebanon and Northumberland.

| 15. | Overton. R. | | Dimmick. D. | | DeWitt. ton. G. | | Over. ton. R. | | Powell. ton. D. | |
|-------------|----------------|-------|----------------|--------|-----------------------|--|---------------------|--|-----------------------|--|
| Bradford | 6,074 | 1,826 | 3,056 | 7,742 | 5,849 | | | | | |
| Susqueha'a. | 3,829 | 218 | 3,601 | 4,779 | 3,026 | | | | | |
| Wayne | 1,927 | 1,059 | 1,704 | 2,773 | 3,676 | | | | | |
| Wyoming | 1,815 | 680 | 959 | 1,655 | 2,007 | | | | | |
| Total | 13,145 | 3,783 | 9,321 | 16,954 | 14,958 | | | | | |
| Majority | 3,824 | | | 1,996 | | | | | | |
| Per cent. | 50.85 | 14.63 | 34.51 | 53.12 | 46.87 | | | | | |
| Total vote | 25,849 | | 31,912 | | | | | | | |

| 16. | Mitchell. R. | | Smith. D. | | Davis. G. | | Mitchell. ton. R. | | White. ton. D. | |
|------------|-----------------|-------|--------------|--------|--------------|--|-------------------------|--|----------------------|--|
| Cameron | 493 | 852 | 337 | 517 | 601 | | | | | |
| Lycoming | 3,063 | 2,898 | 4,273 | 3,776 | 5,143 | | | | | |
| McKean | 1,515 | 1,252 | 774 | 1,414 | 1,332 | | | | | |
| Potter | 1,350 | 11 | 1,157 | 1,590 | 1,334 | | | | | |
| Sullivan | 424 | 597 | 413 | 499 | 914 | | | | | |
| Tioga | 4,328 | 744 | 3,109 | 5,779 | 2,763 | | | | | |
| Total | 11,133 | 5,849 | 10,063 | 13,575 | 12,097 | | | | | |
| Majority | 1,070 | | | 1,478 | | | | | | |
| Per cent. | 41.16 | 21.62 | 37.20 | 52.87 | 47.12 | | | | | |
| Total vote | 27,045 | | 25,672 | | | | | | | |

In 1876, Davis, Gr., had 1314 votes in Lycoming and 204 in Tioga.

| 17. | Campbell. R. | | Coffroth. D. | | Adams. G. | | Camp. bell. R. | | Reilly. ton. D. | |
|------------|-----------------|--------|-----------------|--------|--------------|--|----------------------|--|-----------------------|--|
| Bedford | 3,043 | 3,303 | 186 | 3,204 | 3,514 | | | | | |
| Blair | 3,769 | 3,389 | 925 | 4,681 | 3,968 | | | | | |
| Cambridge | 2,415 | 3,246 | 1,003 | 2,973 | 4,335 | | | | | |
| Somerset | 2,935 | 2,534 | 161 | 3,810 | 2,311 | | | | | |
| Total | 12,167 | 12,472 | 2,275 | 14,668 | 14,148 | | | | | |
| Majority | | 805 | | 520 | | | | | | |
| Per cent. | 45.19 | 46.33 | 8.47 | 50.90 | 49.09 | | | | | |
| Total vote | 26,919 | | 28,816 | | | | | | | |

| 18. | Fisher. R. | | Stenger. D. | | Dougherty. G. | | Mahon. R. | | Stenger. D. | |
|-------------|---------------|--------|----------------|--|------------------|--|--------------|--------|----------------|--|
| Franklin | 4,632 | 4,906 | | | 2 | | 4,814 | 4,694 | | |
| Fulton | 799 | 1,230 | | | | | 815 | 1,195 | | |
| Huntingd'n. | 3,878 | 2,663 | | | 432 | | 3,437 | 3,079 | | |
| Juniata | 1,483 | 1,855 | | | 99 | | 1,542 | 2,019 | | |
| Perry | 2,736 | 2,633 | | | 85 | | 2,690 | 2,805 | | |
| Snyder | 1,850 | 1,484 | | | 136 | | 1,944 | 1,517 | | |
| Total | 14,878 | 14,671 | | | 754 | | 15,232 | 15,301 | | |
| Majority | 207 | | | | | | | 69 | | |
| Per cent. | 49.09 | 48.41 | | | 2.49 | | 50.24 | 49.75 | | |
| Total vote | 30,303 | | | | 30,533 | | | | | |

| 19. | Cochran. R. | | Belts. D. | | Slayton. G. | | Bressler. R. | | Maish. D. | |
|------------|----------------|--------|--------------|--|----------------|--|-----------------|--------|--------------|--|
| Adams | 2,737 | 3,350 | | | 151 | | 2,934 | 3,444 | | |
| Cumberland | 3,497 | 4,980 | | | 581 | | 4,146 | 5,126 | | |
| York | 6,068 | 2,489 | | | 86 | | 6,818 | 10,362 | | |
| Total | 12,322 | 17,810 | | | 821 | | 13,896 | 18,932 | | |
| Majority | | 5,497 | | | | | | 5,034 | | |
| Per cent. | 29.80 | 57.54 | | | 2.65 | | 42.38 | 57.66 | | |
| Total vote | 30,963 | | | | 32,830 | | | | | |

| 20. | Yocum. G. & R. | | Curtin. D. | | Lincoln. R. | | Mackey. D. | |
|------------|-------------------|--------|---------------|--|----------------|--|---------------|--|
| Centre | 3,436 | 3,523 | | | 3,237 | | 4,100 | |
| Clearfield | 2,914 | 3,034 | | | 2,335 | | 4,207 | |
| Clinton | 2,264 | 2,565 | | | 1,610 | | 3,245 | |
| Elk | 803 | 1,010 | | | 65 | | 1,373 | |
| Mifflin | 1,767 | 1,732 | | | 1,720 | | 1,903 | |
| Union | 2,220 | 1,455 | | | 2,226 | | 1,392 | |
| Total | 13,454 | 13,381 | | | 11,193 | | 16,229 | |
| Majority | | 73 | | | | | 5,036 | |
| Per cent. | 50.13 | 49.86 | | | 40.81 | | 59.18 | |
| Total vote | 26,835 | | | | 27,422 | | | |

| 21. | Bailey. R. | | Wise. D. | | McFarland. G. | | Rush. R. | | Turney. D. | |
|------------|---------------|--------|-------------|--|------------------|--|-------------|--------|---------------|--|
| Fayette | 2,893 | 4,005 | | | 1,965 | | 4,432 | 5,704 | | |
| Greene | 1,602 | 3,144 | | | 142 | | 1,941 | 3,705 | | |
| Westmor'd. | 4,853 | 5,731 | | | 1,712 | | 6,390 | 7,553 | | |
| Total | 9,348 | 12,880 | | | 3,819 | | 12,763 | 16,962 | | |
| Majority | | 3,532 | | | | | | 4,199 | | |
| Per cent. | 35.80 | 49.44 | | | 14.65 | | 42.93 | 57.05 | | |
| Total vote | 26,047 | | | | 29,725 | | | | | |

| 22. | Errett. R. | | Duff. D. | | Kirk. G. | | Errett. ton. R. | | Hopkins. ton. D. | |
|------------------|---------------|-------|-------------|--|-------------|--|-----------------------|--------|------------------------|--|
| Allegheny (part) | 9,099 | 7,260 | | | 7,447 | | 14,551 | 12,913 | | |
| Majority | | 1,652 | | | | | | 1,638 | | |
| Per cent. | 38.23 | 30.49 | | | 31.27 | | 26.00 | 73.09 | | |
| Total vote | 23,906 | | | | 17,464 | | | | | |

| 23. | Bayne. R. | | McKenna. D. | | Watson. G. | | Bayne. ton. R. | | Cochrane. ton. D. | |
|-----------------|--------------|-------|----------------|--|---------------|--|----------------------|--------|-------------------------|--|
| Allegheny (pt.) | 9,104 | 5,621 | | | 2,781 | | 12,556 | 8,326 | | |
| Majority | 3,483 | | | | | | | 4,180 | | |
| Per cent | 52.00 | 32.10 | | | 15.89 | | 60.03 | 39.96 | | |
| Total vote | | | | | | | | 20,832 | | |

| 24. | Shallen. R. | | Clen. D. | | Emer. son. G. | | Shallen. berger. R. | | McComb. son. D. | |
|------------|----------------|--------|-------------|--|---------------------|--|---------------------------|--------|-----------------------|--|
| Beaver | 3,501 | 2,999 | | | 524 | | 5,801 | 5,535 | | |
| Lawrence | 2,470 | 2,111 | | | 454 | | 4,061 | 3,169 | | |
| Washington | 5,290 | 4,915 | | | 936 | | 3,226 | 1,944 | | |
| Total | 11,261 | 10,025 | | | 1,901 | | 13,151 | 10,648 | | |
| Majority | | 1,236 | | | | | | 2,503 | | |
| Per cent. | 48.56 | 43.23 | | | 8.20 | | 55.26 | 44.73 | | |
| Total vote | 23,187 | | | | 23,799 | | | | | |

PENNSYLVANIA.—Representatives in Congress. (Continued.)

| 25. | 1878. | | | 1876. | |
|----------------|--------|---------|-----------|--------|--------|
| | White. | Guffey. | Mosgrove. | White. | Jenks. |
| | R. | D. | G. | R. | D. |
| Armstrong.. | 3,056 | 1,861 | 2,965 | 2,953 | 4,257 |
| Clarion.... | 1,994 | 3,626 | 2,150 | 4,598 | 3,850 |
| Forest..... | 817 | 262 | 290 | 457 | 393 |
| Indiana.... | 3,512 | 1,341 | 2,364 | 4,854 | 2,357 |
| Jefferson.... | 1,865 | 1,941 | 1,105 | 2,294 | 2,540 |
| Total.... | 10,744 | 9,031 | 8,874 | 15,156 | 13,397 |
| Majority... | 1,713 | | | 1,769 | |
| Per cent.... | 37.50 | 31.52 | 30.97 | 53.06 | 46.91 |
| Total vote.... | | 28,649 | | 23,553 | |

The Legislature of 1878-80 stands: Republicans, 139; Democrats, 94; Greenback or National party, 18.

| 26. | 1878. | | | 1876. | |
|----------------|--------|--------|----------|-----------|-----------|
| | Dick. | Bard. | Plummer. | Thompson. | Sheakley. |
| | R. | D. | G. | R. | D. |
| Butler..... | 3,552 | 3,425 | 3,097 | 5,642 | 4,899 |
| Crawford... | 6,191 | 743 | 6,195 | 5,556 | 5,042 |
| Mercer.... | 4,267 | 2,390 | 3,421 | 7,313 | 6,745 |
| Total..... | 14,010 | 6,558 | 12,713 | 18,511 | 16,456 |
| Majority... | 1,297 | | | 2,025 | |
| Per cent.... | 42.39 | 19.41 | 38.19 | 52.89 | 47.10 |
| Total vote.... | | 33,281 | | 34,997 | |

| 27. | 1878. | | | 1876. | |
|----------------|--------|--------|-------|---------|--------|
| | Oomer. | Allen. | Camp. | Watson. | Scott. |
| | R. | D. | G. | R. | D. |
| Eric..... | 5,596 | 4,796 | 1,684 | 8,557 | 6,369 |
| Venango... | 3,409 | 2,934 | 1,446 | 3,762 | 3,522 |
| Warren.... | 2,200 | 821 | 2,047 | 3,821 | 2,202 |
| Total..... | 11,205 | 8,551 | 5,127 | 15,640 | 12,093 |
| Majority... | 2,654 | | | 3,547 | |
| Per cent.... | 45.02 | 34.86 | 20.61 | 56.39 | 43.60 |
| Total vote.... | | 24,883 | | 27,733 | |

STATE OF RHODE ISLAND.—State Ticket, 1878—Governor.

| | 1877. | | | 1878. | | |
|----------------|-------------|-----------|---------|-------------|---------|-------|
| | Van Zandt. | Lawrence. | Foster. | Van Zandt. | Bar. | Ruby. |
| | Rep. & Pro. | D. | G. | Rep. & Pro. | R. & T. | D. |
| Bristol.... | 743 | 372 | 4 | 840 | 621 | |
| Kent..... | 947 | 896 | 88 | 2,144 | 1,231 | |
| Newport.. | 1,567 | 779 | | 3,209 | 940 | |
| Providence | 6,848 | 4,706 | 536 | 7,005 | 7,849 | |
| Wash'ton. | 1,349 | 886 | 12 | 1,417 | 1,142 | |
| Total.... | 11,454 | 7,630 | 590 | 26,125 | 11,738 | |
| Ma. ov'rall. | 3,199 | | | 3,454 | | |
| Per cent.... | 58.12 | 38.74 | 3.14 | 50.09 | 48.18 | |
| Total vote.... | | 19,709 | | 24,456 | | |

In 1877 there were 77 votes for the Greenback ticket, and 141 scattering.

The Legislature of 1879 stands: Republicans, 89; Democrats, 28.

SOUTH CAROLINA—Representatives in Congress.

| COUNTIES, 33. | | 1st DISTRICT. | |
|-------------------|--|---------------|---------|
| | | Richardson. | Rainey. |
| | | D. | R. |
| Chesterfield..... | | 1,545 | 985 |
| Marlboro..... | | 2,583 | 1,682 |
| Darlington..... | | 3,910 | 2,773 |
| Sumter..... | | 4,776 | 2,940 |
| Georgetown..... | | 1,468 | 1,307 |
| Williamsburg..... | | 3,037 | 2,195 |
| Marion..... | | 3,640 | 2,235 |
| Horry..... | | 1,748 | 426 |
| Total..... | | 22,707 | 14,546 |
| Majority..... | | | 8,101 |
| Per cent.... | | 60.95 | 39.04 |
| Total vote.... | | | 37,253 |

| 2d DISTRICT. | | O'Connor. | Tharin. |
|-----------------|--|-----------|---------|
| | | D. | R. |
| Charleston..... | | 14,245 | 9,090 |
| Orangeburg..... | | 4,142 | 2,626 |
| Clarendon..... | | 2,181 | 1,466 |
| Total..... | | 20,568 | 13,182 |
| Majority..... | | 7,386 | |
| Per cent.... | | 60.94 | 39.05 |
| Total vote.... | | | 37,750 |

REPRESENTATIVES IN CONGRESS—1878.

FIRST DISTRICT.

| | |
|-----------------------------|-------|
| Nelson W. Aldrich (R.)..... | 5,968 |
| Thomas Davis (D.)..... | 1,332 |
| Lycurgus Sayles (G.)..... | 627 |
| Scattering..... | 104 |

Aldrich's majority over all, 3,905.

SECOND DISTRICT.

| | |
|-----------------------------|-------|
| Latimer W. Ballou (R.)..... | 5,569 |
| J. B. Barnaby (D.)..... | 4,535 |
| J. F. Smith (G.)..... | 311 |
| Scattering..... | 15 |

Ballou's majority over all, 708.

The Legislature of 1879 stands: Republicans, 89; Democrats, 28.

| 3d DISTRICT. | | Aiken. | Ensor. |
|----------------|--|--------|--------|
| | | D. | R. |
| Oconee..... | | 1,607 | 216 |
| Pickens..... | | 1,489 | 35 |
| Anderson..... | | 3,416 | 309 |
| Abbeville..... | | 5,851 | 3 |
| Newberry..... | | 3,118 | 2,122 |
| Richland..... | | 4,599 | 1,783 |
| Lexington..... | | 1,437 | |
| Laurens..... | | 3,016 | 1,880 |
| Total..... | | 24,533 | 6,343 |
| Majority..... | | 18,185 | |
| Per cent.... | | 79.44 | 20.88 |
| Total vote.... | | | 30,881 |

SOUTH CAROLINA.—Representatives in Congress. (Continued.)

| 4th DISTRICT. | Evins. D. | No Nom. R. |
|------------------|--------------|---------------|
| Union..... | 2,800 | .... |
| Spartanburg..... | 3,181 | .... |
| Greenville..... | 2,918 | .... |
| York..... | 2,352 | .... |
| Chester..... | 2,798 | .... |
| Lancaster..... | 2,802 | .... |
| Kershaw..... | 2,743 | 741 |
| Fairfield..... | 2,556 | .... |
| Total..... | 22,700 | 741 |
| Majority..... | 21,959 | |
| Per cent..... | 66.83 | 3.16 |
| Total vote..... | | 23,441 |

| 5th DISTRICT. | Tillman. D. | Smalls. R. |
|---|----------------|---------------|
| Colleton..... | 4,299 | 2,152 |
| Beaufort..... | 420 | 4,945 |
| Barnwell..... | 5,679 | 1,611 |
| Edgefield..... | 7,185 | 170 |
| Aiken..... | 4,989 | 535 |
| Hampton..... | 8,837 | 1,251 |
| Total..... | 26,409 | 10,664 |
| Majority..... | 15,745 | |
| Per cent..... | 71.23 | 28.75 |
| Total vote..... | | 37,073 |
| Total State vote on Con- gressmen..... | | 172,198 |

In 1878, Wade Hampton, Dem., was elected Governor by 119,550 votes, with 2123 scattering. No Republican candidate was nominated. The Legislature of 1878-79, stands: Democrats, 150; Republicans, 8.

TENNESSEE—Representatives in Congress.

| | 1878. | | 1876. | |
|---------------|---------------|------------------|-----------------------|----------------------|
| 1st Dist. | Taylor. D. | Pettibone. R. | McFar- land. D. | Ran- dolph. R. |
| Carter..... | 656 | 985 | 437 | 1,186 |
| Clalborne.... | 834 | 715 | 779 | 908 |
| Cocke..... | 923 | 1,101 | 895 | 1,129 |
| Grainger.... | 871 | 650 | 860 | 946 |
| Greene..... | 1,826 | 1,657 | 1,902 | 1,945 |
| Hamblen.... | 936 | 835 | 890 | 850 |
| Hancock.... | 422 | 690 | 427 | 616 |
| Hawkins.... | 1,420 | 1,465 | 1,410 | 1,388 |
| Johnson.... | 229 | 632 | 222 | 705 |
| Sullivan.... | 1,914 | 843 | 1,935 | 961 |
| Wash'gton.. | 1,667 | 1,431 | 1,449 | 1,695 |
| Total..... | 11,688 | 10,960 | 11,215 | 12,349 |
| Majority.... | 738 | | | 1,134 |
| Per cent.... | 51.53 | 48.46 | 47.59 | 52.40 |
| Tot. vote, | 22,658 | | 23,564 | |

| | 1878. | | 1876. | |
|---------------|-------------------|-------------|---------------|-----------------|
| 2d Dist. | Watkins. I. D. | Houk. R. | Cullom. D. | Thornb'gh R. |
| Anderson.... | 360 | 572 | 645 | 778 |
| Blount..... | 811 | 965 | 892 | 1,198 |
| Campbell.... | 205 | 706 | 435 | 686 |
| Jefferson.... | 864 | 1,158 | 802 | 1,655 |
| Knox..... | 2,147 | 2,088 | 2,914 | 3,618 |
| Loudon..... | 426 | 682 | 601 | 968 |
| Monroe..... | 830 | 408 | 1,306 | 718 |
| Morgan..... | 256 | 153 | 283 | 465 |
| Roane..... | 608 | 745 | 801 | 1,582 |
| Scott..... | 48 | 324 | 83 | 344 |
| Sevier..... | 299 | 1,063 | 313 | 1,494 |
| Union..... | 315 | 684 | 518 | 822 |
| Total..... | 7,167 | 9,548 | 9,603 | 14,328 |
| Majority.... | | 2,381 | | 4,725 |
| Per cent.... | 42.87 | 57.12 | 40.08 | 59.91 |
| Tot. vote, | 16,715 | | 23,931 | |

-F. M. Kirby received 22 votes for Congress.

| | 1878. | | 1876. | |
|--------------|----------------|----------------|----------------|--------------|
| 3d Dist. | Dibrell. D. | Wheeler. R. | Dibrell. D. | Drake. R. |
| Bledsoe.... | 357 | 149 | 430 | 824 |
| Bradley.... | 448 | 438 | 763 | 935 |
| Cannon..... | 796 | 97 | 1,110 | 319 |
| Cumberl'nd | 241 | 90 | 253 | 235 |
| De Kalb.... | 917 | 107 | 1,038 | 866 |
| Grundy..... | 270 | 43 | 498 | 54 |
| Hamilton.... | 715 | 1,114 | 1,615 | 1,857 |
| James..... | 206 | 229 | 285 | 345 |
| Marion..... | 365 | 383 | 533 | 715 |
| McMinn.... | 973 | 760 | 1,248 | 1,435 |
| Meigs..... | 494 | 176 | 619 | 323 |
| Polk..... | 490 | 139 | 699 | 333 |
| Rhea..... | 580 | 204 | 617 | 275 |
| Sequachie.. | 167 | 37 | 256 | 111 |
| Van Buren.. | 189 | 13 | 445 | 30 |
| Warren.... | 1,146 | 200 | 1,659 | 446 |
| White.... | 1,045 | 36 | 1,215 | 111 |
| Total..... | 9,390 | 4,205 | 13,132 | 8,218 |
| Majority.... | 5,194 | | 4,914 | |
| Per cent.... | 69.08 | 30.91 | 61.60 | 38.39 |
| Total vote.. | 13,604 | | 21,350 | |

| | 1878. | | 1876. | |
|--------------|-----------------|--------------------|---------------|---------------|
| 4th Dist. | McMillan. D. | Golliday. I. D. | Riddle. D. | Cox. I. D. |
| Clay..... | 378 | 188 | 419 | 220 |
| Fentress.... | 195 | 55 | 185 | 210 |
| Jackson.... | 525 | 148 | 353 | 1,068 |
| Macon..... | 516 | 43 | 597 | 85 |
| Overton.... | 510 | 291 | 825 | 231 |
| Putnam.... | 460 | 176 | 606 | 357 |
| Robertson.. | 1,117 | 769 | 1,862 | 303 |
| Smith..... | 1,370 | 190 | 1,470 | 493 |
| Sumner.... | 1,589 | 496 | 2,254 | 251 |
| Trousdale.. | 362 | 241 | 566 | 110 |
| Wilson..... | 944 | 1,095 | 2,880 | 247 |
| Total..... | 7,466 | 4,291 | 11,957 | 3,545 |
| Majority.... | 3,175 | | 8,412 | |
| Per cent.... | 64.93 | 35.09 | 77.13 | 22.86 |
| Tot. vote, | 12,257 | | 15,502 | |

In 1876 Patton, Rep., had 1,437 votes.

TENNESSEE.—Representatives in Congress. (Continued.)

| 1878. | | | | | | 1876. | | | | | |
|---------------|---------------|---------------------|--------------------|--------------|---------------|-----------------------|--|--|--|--|--|
| 5th Dist. | Bright. D. | Lil- lard. D. | War- der. R. | Isell. G. | Bright. D. | Gal- braith. R. | | | | | |
| Bedford.... | 1,784 | 68 | 196 | 498 | 2,558 | 1,727 | | | | | |
| Coffee..... | 850 | 207 | .. | 185 | 1,355 | 135 | | | | | |
| Franklin.... | 1,551 | 527 | .. | 11 | 2,244 | 268 | | | | | |
| Lincoln.... | 1,860 | 493 | .. | 27 | 3,864 | 580 | | | | | |
| Marshall.... | 939 | 500 | .. | 53 | 2,089 | 647 | | | | | |
| Rutherford.. | 1,401 | 799 | 769 | 97 | 2,964 | 1,952 | | | | | |
| Total..... | 8,285 | 2,594 | 965 | 876 | 15,094 | 5,809 | | | | | |
| Maj. ov. next | 5,691 | | | | 9,785 | | | | | | |
| Per cent.... | 65.13 | 20.89 | 6.88 | 7.59 | 73.95 | 26.04 | | | | | |
| Tot. vote, | | 12,720 | | | 20,403 | | | | | | |

| 6th Dist. | House. D. | Akers. G. | Camp- bell. I. G. | Pro- ser. R. | House. D. | Pro- ser. R. |
|--------------|--------------|--------------|-------------------------|--------------------|--------------|--------------------|
| Cheatham.. | 699 | 181 | 63 | 76 | 908 | 270 |
| Davidson... | 4,411 | 2,679 | 60 | 1,537 | 7,539 | 5,540 |
| Dickson... | 673 | 359 | 5 | 72 | 1,341 | 427 |
| Houston... | 303 | 51 | .. | 18 | 496 | 101 |
| Humphrys | 773 | 243 | 2 | 80 | 1,369 | 198 |
| Montgom'y | 1,935 | 1,008 | .. | 463 | 2,673 | 2,111 |
| Stewart... | 823 | 195 | .. | 157 | 1,398 | 340 |
| Total.... | 9,614 | 4,666 | 130 | 2,403 | 15,719 | 8,987 |
| Maj. over | | | | | | |
| next..... | 4,948 | | | | 6,732 | |
| Per cent.... | 57.18 | 27.75 | .07 | 14.29 | 64.43 | 35.56 |
| Tot. vote, | | 16,813 | | | 24,706 | |

| 7th Dist. | Whit- thorne. D. | Moore. D. | Hughes. R. | Whit- thorne. D. | Cliffe, R. |
|--|------------------------|--------------|---------------|------------------------|---------------|
| Giles..... | 1,169 | 1,452 | 840 | 3,273 | 3 |
| Hickman.... | 195 | 1,198 | 28 | 1,078 | 65 |
| Lawrence... | 408 | 708 | 54 | 901 | 246 |
| Lewis..... | 88 | 188 | 2 | 190 | 6 |
| Mauzy.... | 2,864 | 849 | 1,621 | 3,695 | 1,222 |
| Wayne.... | 417 | 174 | 233 | 686 | 477 |
| Williamson.. | 1,450 | 964 | 350 | 2,434 | 1,738 |
| Total..... | 6,581 | 5,533 | 3,133 | 12,237 | 3,767 |
| Major. over | | | | | |
| next..... | 1,048 | | | 8,470 | |
| Per cent.... | 43.16 | 36.28 | 20.45 | 76.46 | 23.53 |
| Tot. vote, | | 15,247 | | 16,004 | |
| In 1876 G. W. Blackburn, Ind. Rep., had 1,841 votes. | | | | | |

| 1878. | | | | | | 1876. | | | | | |
|--------------|---------------|---------------|---------------|----------------|--|-------|--|--|--|--|--|
| 8th Dist. | Atkins. D. | Warren. G. | Atkins. D. | Hawkins. R. | | | | | | | |
| Benton..... | 654 | 204 | 854 | 313 | | | | | | | |
| Carroll.... | 1,355 | 1,418 | 1,831 | 2,115 | | | | | | | |
| Decatur.... | 400 | 151 | 807 | 323 | | | | | | | |
| Hardin.... | 579 | 481 | 968 | 1,076 | | | | | | | |
| Henderson.. | 829 | 598 | 1,314 | 1,020 | | | | | | | |
| Henry..... | 1,537 | 261 | 2,483 | 825 | | | | | | | |
| Madison.... | 1,928 | 995 | 3,037 | 1,582 | | | | | | | |
| McNairy.... | 732 | 986 | 1,312 | 967 | | | | | | | |
| Perry..... | 347 | 163 | 804 | 75 | | | | | | | |
| Total.... | 8,361 | 5,257 | 13,112 | 8,095 | | | | | | | |
| Majority... | 3,104 | | 5,017 | | | | | | | | |
| Per cent.... | 62.86 | 37.12 | 62.30 | 37.69 | | | | | | | |
| Tot. vote, | | 13,618 | | 21,207 | | | | | | | |

| 9th Dist. | Simonton. D. | Black. G. | Caldwell. D. | Folk. R. |
|--------------|-----------------|--------------|-----------------|-------------|
| Crockett... | 501 | 254 | .... | .... |
| Dyer..... | 893 | 305 | 1,368 | 100 |
| Gibson.... | 1,317 | 1,099 | 3,324 | 1,070 |
| Haywood.. | 976 | 1,801 | 1,827 | 3,071 |
| Lake..... | 96 | 43 | 391 | .... |
| Lauderdale. | 535 | 329 | 1,267 | 699 |
| Obion.... | 1,391 | .... | 2,408 | 473 |
| Tipton.... | 814 | 579 | 1,471 | 983 |
| Weakley... | 1,475 | 154 | 2,743 | 113 |
| Total.... | 7,998 | 4,564 | 14,799 | 6,509 |
| Majority... | 3,434 | | 8,290 | |
| Per cent.... | 63.66 | 36.35 | 63.80 | 31.19 |
| Tot. vote, | | 12,562 | | 21,508 |

| 10th Dist. | Young. D. | Ran- dolpb. R. | Keller. G. | Young. D. | Ran- dolpb. R. |
|--|--------------|----------------------|---------------|--------------|----------------------|
| Fayette.... | 1,226 | 1,104 | 183 | 2,614 | 2,673 |
| Hardeman.. | 878 | 211 | 114 | 1,597 | 1,369 |
| Shelby.... | 3,418 | 1,884 | 1,060 | 8,503 | 8,002 |
| Total..... | 5,522 | 3,199 | 1,357 | 13,014 | 12,134 |
| Major. over | | | | | |
| next..... | 2,323 | | | 890 | |
| Per cent.... | 54.79 | 31.74 | 13.46 | 51.74 | 48.25 |
| Tot. vote. | 10,078 | | | 25,148 | |
| The Legislature of 1879-80 stands, Democrats, 80; Republicans, 17; Independents, 6. | | | | | |
| Total, 103. | | | | | |
| For Governor in 1878 the vote was, A. S. V. D., 20,016; E. M. Wight, R., 42,323; R. M. Edwards, Greenback, 15,196. | | | | | |

TEXAS.—Representatives in Congress.

| 1st Dist. | Reagan. D. | Newton. R. | Trinity..... | 557 | Franklin.... | 466 | 385 |
|---------------|---------------|---------------|-----------------------|--------|---------------------|--------|-------|
| COUNTIES. | | | Tyler..... | 709 | Gregg..... | 545 | 568 |
| Angelina.... | 627 | .... | Total..... | 18,038 | Harrison.... | 1,220 | 219 |
| Chambers.... | 251 | .... | Majority.... | 17,839 | Hopkins.... | 2,059 | 359 |
| Cherokee.... | 2,183 | 163 | Per cent.... | 98.60 | Hunt..... | 1,920 | 576 |
| Hardin.... | 167 | .... | Scattering.. | 89 | Lamar..... | 1,780 | 1,221 |
| Henderson.... | 867 | .... | Total vote.. | 18,276 | Marion.... | 814 | 491 |
| Houston.... | 1,143 | 36 | Reagan, Dem., vote of | | Morris.... | 422 | 349 |
| Jasper..... | 730 | .... | 1876, Congress..... | 13,699 | Rains.... | 316 | 112 |
| Jefferson.... | 503 | .... | Cooper, Rep., vote of | | Red River... 1,520 | 252 | |
| Liberty..... | 747 | .... | 1876, Congress..... | 6,416 | Titus..... | 622 | 287 |
| Nacogdoches. | 1,408 | .... | Reagan's majority... | 7,283 | Upshur.... | 977 | 520 |
| Newton..... | 539 | .... | 3d Dist. | | Van Zandt.. 1,359 | 246 | |
| Orange..... | 333 | .... | Culberson, O'Neill. | | Wood..... | 887 | 618 |
| Panola..... | 1,605 | .... | D. | | Total..... | 19,723 | 9,617 |
| Polk..... | 741 | .... | Gr. | | Majority.... | 10,111 | |
| Rusk..... | 1,606 | .... | Bolton..... | 449 | Per cent.... | 63.06 | 30.74 |
| Sabine..... | 552 | .... | Bowie..... | 1,125 | Scattering.. 1,396 | | |
| San Augustine | 470 | .... | Camp..... | 309 | Total vote.. 31,281 | | |
| Shelby..... | 1,257 | .... | Cass..... | 725 | | | |
| Smith..... | 1,043 | .... | Fannin..... | 2,206 | | | |

TEXAS.—Representatives in Congress. (Continued.)

| | | | | | | | |
|---|--------|--|--------|--------|---|--------|--------|
| Culberson, Dem., vote of 1876, Cong..... | 17,320 | Limestone..... | 1,617 | 817 | Bandera..... | 180 | 191 |
| Russell, Rep., vote of 1876, Congress..... | 9,130 | Madison..... | 570 | 262 | Bee..... | 130 | 233 |
| Culberson's majority | 8,190 | McLennan..... | 2,660 | 1,513 | Bexar..... | 2,905 | 1,595 |
| 3d Dist. Wellborn, Daggett, D. R. | | Montgomery..... | 911 | 1,009 | Blanco..... | 121 | 441 |
| Callahan..... | 248 | Navarro..... | 2,701 | 1 | Caldwell..... | 766 | 1,078 |
| Clay..... | 510 | Robertson..... | 1,771 | 1,864 | Calhoun..... | 281 | 77 |
| Collin..... | 3,153 | San Jacinto..... | 344 | .... | Cameron..... | 1,617 | 835 |
| Cook..... | 2,748 | Walker..... | 1,436 | 78 | Comal..... | 724 | 104 |
| Dallas..... | 3,810 | Total..... | 30,535 | 9,039 | De Witt..... | 824 | 809 |
| Denton..... | 1,949 | Majority..... | 21,496 | .... | Duval..... | 831 | 28 |
| Eastland..... | 469 | Per cent..... | 75.87 | 22.40 | El Paso..... | 521 | 1 |
| Ellis..... | 3,042 | Scattering..... | 775 | .... | Frio..... | 179 | 98 |
| Erath..... | 1,586 | Total vote..... | 40,849 | .... | Gillespie..... | 738 | 36 |
| Grayson..... | 4,206 | Mills, Dem., vote of 1876, Congress..... | 20,731 | .... | Goliad..... | 547 | 407 |
| Hill..... | 2,042 | Osterhout, Rep., vote of 1876, Congress..... | 8,839 | .... | Gonzales..... | 534 | 1,874 |
| Hood..... | 1,078 | Mills's majority..... | 11,892 | .... | Guadalupe..... | 832 | 1,130 |
| Jack..... | 580 | 5th Dist. Hancock, Jones, D. G. & D. |  | .... | Hays..... | 390 | 69 |
| Johnson..... | 2,584 | Austin..... | 1,139 | 1,061 | Hidalgo..... | 20 | 238 |
| Kauffman..... | 1,849 | Bastrop..... | 513 | 2,229 | Jackson..... | 197 | 245 |
| Montague..... | 1,317 | Brazoria..... | 705 | 84 | Karnes..... | 290 | 283 |
| Palo Pinto..... | 771 | Brown..... | 789 | 877 | Kendall..... | 419 | 84 |
| Parker..... | 1,781 | Burleson..... | 406 | 997 | Kerr..... | 157 | 219 |
| Rockwall..... | 418 | Burnet..... | 409 | 541 | Kimball..... | 27 | 131 |
| Shackleford..... | 400 | Colorado..... | 1,184 | 1,391 | Kinney..... | 323 | 119 |
| Somervell..... | 330 | Coleman..... | 321 | 99 | Llano..... | 104 | 398 |
| Stephens..... | 641 | Fayette..... | 2,415 | 1,520 | Live Oak..... | 191 | 167 |
| Tarrant..... | 3,304 | Galveston..... | 3,425 | 1,229 | Mason..... | 210 | 167 |
| Taylor..... | 132 | Lampasas..... | 290 | 518 | Maverick..... | 296 | 163 |
| Wise..... | 1,144 | Lavaca..... | 890 | 387 | Medina..... | 532 | 120 |
| Young..... | 666 | Lee..... | 377 | 1,059 | Menard..... | 98 | 35 |
| Total..... | 40,848 | Matagorda..... | 329 | 239 | McMillan..... | 33 | 71 |
| Majority..... | 31,130 | Milam..... | 1,628 | 1,157 | Nueces..... | 801 | 156 |
| Per cent..... | 80.54 | McCulloch..... | 112 | 119 | Pecos..... | 304 | .... |
| Scattering..... | 158 | San Saba..... | 253 | 563 | Presidio..... | 353 | .... |
| Total vote..... | 50,724 | Travis..... | 2,015 | 2,635 | Peruzio..... | 223 | 63 |
| Throckmorton, Dem., vote of 1876, Cong..... | 24,138 | Washington..... | 1,909 | 3,109 | San Patricio..... | 131 | 64 |
| Bigger, Rep., vote of 1876, Cong..... | 2,283 | Wharton..... | 138 | 569 | Starr..... | 395 | 40 |
| Throckmorton's majority..... | 21,855 | Williamson..... | 1,064 | 1,162 | Tom Green..... | 244 | 118 |
| 4th Dist. Mills, Smith, D. R. | | Total..... | 19,721 | 21,101 | Uvalde..... | 139 | 206 |
| Bell..... | 3,278 | Majority..... | 1,381 | .... | Victoria..... | 617 | 635 |
| Bosque..... | 1,508 | Per cent..... | 48.23 | 51.60 | Webb..... | 536 | 899 |
| Brazos..... | 974 | Scattering..... | 68 | .... | Wilson..... | 207 | 999 |
| Comanche..... | 1,105 | Total vote..... | 40,888 | .... | Zapata..... | 173 | 75 |
| Coryell..... | 1,864 | Giddings, Dem., vote of 1876, Cong..... | 15,286 | .... | Total..... | 19,199 | 15,671 |
| Falls..... | 1,148 | Jones, Ind., vote of 1876, Cong..... | 13,277 | .... | Majority..... | 3,528 | .... |
| Fort Bend..... | 249 | Giddings's majority..... | 2,009 | .... | Per cent..... | 55.05 | 44.98 |
| Freestone..... | 1,384 | 6th Dist. Schleicher, Ireland, D. D. |  | .... | Scattering..... | 4 | .... |
| Grimes..... | 1,277 | Aransas..... | 169 | 27 | Total vote..... | 34,874 | .... |
| Hamilton..... | 971 | Atascosa..... | 243 | 334 | Schleicher, Dem., vote of 1876, Cong..... | 11,954 | .... |
| Harris..... | 2,815 | | | | Newcomb, Rep., vote of 1876, Cong..... | 2,711 | .... |
| Leon..... | 1,123 | | | | Schleicher's majority | 9,243 | .... |

The Legislature of 1879-80, stands: Democrats, 86; Republicans, 16; Greenback Party, 9; Independent, 2;—total, 123.

TERRITORY OF UTAH.—Delegate in Congress.

| COUNTIES—20. | 1878. | 1876. | | COUNTIES. | 1878. | 1876. | |
|----------------|-----------------|-----------------|----------------------|----------------|-----------------|-----------------|----------------------|
| | Cannon. Mormon. | Cannon. Mormon. | Baskin. Anti-Mormon. | | Cannon. Mormon. | Cannon. Mormon. | Baskin. Anti-Mormon. |
| Beaver..... | 348 | 488 | 270 | Morgan..... | 192 | 251 | 7 |
| Box elder..... | 883 | 1,145 | 263 | Piute..... | 57 | 5 | 33 |
| Cache..... | 1,389 | 2,146 | 26 | Rich..... | 177 | 224 | .... |
| Davis..... | 664 | 942 | 10 | Salt Lake..... | 2,541 | 4,499 | 1,787 |
| Iron..... | 503 | 60 | 18 | Sanpete..... | 1,292 | 1,921 | 40 |
| Juab..... | 307 | 587 | 118 | Sevier..... | 494 | 693 | 1 |
| Kane..... | 567 | 722 | 1 | Summit..... | 330 | 485 | 291 |
| Millard..... | 326 | 613 | 20 | | | | |

TERRITORY OF UTAH.—Delegate in Congress. (Continued.)

| COUNTIES—20. | 1878. | 1876. | | COUNTIES. | 1878. | 1876. | |
|----------------|--------------------|--------------------|-----------------------------|---|--------------------|--------------------|-----------------------------|
| | Cannon. Mormon. | Cannon. Mormon. | Baskin. Anti- Mormon. | | Cannon. Mormon. | Cannon. Mormon. | Baskin. Anti- Mormon. |
| Tooele..... | 566 | 488 | 692 | Majority... .. | | 17,689 | |
| Utah..... | 2,028 | 3,336 | 55 | Scattering votes | 57 | | |
| Wasatch..... | 144 | 298 | ... | Total vote ... | 14,278 | 25,378 | |
| Washington.... | 606 | 837 | 16 | No opposition candidate was nominated by the Anti-Mormons in 1878. | | | |
| Weber..... | 867 | 1,856 | 200 | | | | |
| Total | 14,221 | 21,531 | 3,842 | | | | |

STATE OF VERMONT.—State Ticket—Governor, 1878.

| COUNTIES—14. | GOVERNOR, 1878. | | | | PRESIDENT, 1876. | |
|------------------------|-----------------|---------------------|---------------|------------------|------------------|---------------|
| | Proctor. R. | Bing- ham. D. | Martin. G. | Scat- tering. | Hayes. R. | Tilden. D. |
| Addison..... | 3,873 | 652 | 189 | 7 | 3,787 | 835 |
| Bennington . | 2,521 | 1,685 | ... | 5 | 2,428 | 1,733 |
| Caledonia..... | 2,734 | 1,443 | 22 | 2 | 2,885 | 1,558 |
| Chittenden..... | 3,418 | 1,905 | 297 | 3 | 3,962 | 2,287 |
| Essex..... | 716 | 465 | 3 | 3 | 755 | 467 |
| Franklin..... | 3,182 | 1,638 | 623 | ... | 3,152 | 1,895 |
| Grand Isle..... | 435 | 274 | 36 | ... | 424 | 271 |
| Lamoille..... | 1,361 | 501 | 508 | ... | 1,841 | 707 |
| Orange..... | 2,853 | 1,743 | 51 | ... | 3,060 | 1,727 |
| Orleans..... | 2,417 | 814 | 239 | ... | 2,822 | 635 |
| Rutland..... | 4,025 | 2,367 | 39 | 35 | 5,237 | 2,480 |
| Washington..... | 2,750 | 1,809 | 593 | 1 | 3,653 | 2,246 |
| Windham..... | 3,061 | 507 | 10 | 696 | 4,395 | 1,298 |
| Windsor..... | 3,971 | 1,471 | 30 | 11 | 5,671 | 1,915 |
| Total..... | 37,312 | 17,247 | 2,635 | 763 | 44,092 | 20,254 |
| Majority over all..... | 17,617 | | | | 23,398 | |
| Per cent..... | 64.37 | 29.75 | 4.54 | 1.31 | 68.52 | 31.47 |
| Total vote..... | | 57,957 | | | 64,460 | |

The Legislature of 1879 stands: Republicans, 204; Democrats, 44; Greenback or National party, 9; Independents, 5. Total, 262.

REPRESENTATIVES IN CONGRESS.

| 1878. | | | | 1876. | | 1878. | | | | 1876. | |
|--|--|--------------|----------------|--------------|---------------|-----------------|--------|----------------|---------|----------|-------|
| 1st District. | | Joyce. R. | Randall. D. | Joyce. R. | Childs. D. | Barlow. Grout. | | Water- man. | Hendee. | Edwards. | |
| Addison..... | | 3,286 | 564 | 3,431 | 599 | 3d District. | Gr R. | R. | D. | R. | D. |
| Bennington..... | | 2,336 | 1,491 | 2,274 | 1,863 | Chittenden | 2,071 | 1,591 | 279 | 3,742 | 1,851 |
| Rutland..... | | 4,278 | 2,008 | 5,336 | 2,447 | Essex..... | 230 | 283 | 173 | 668 | 404 |
| Washington..... | | 2,680 | 1,834 | 3,455 | 2,148 | Franklin.. | 3,451 | 401 | 206 | 3,085 | 1,371 |
| Total..... | | 12,600 | 5,895 | 14,496 | 7,057 | Grand Isle. | 360 | 126 | 61 | 410 | 244 |
| Majority over all | | 6,698 | | 7,439 | | Lamoille.. | 1,137 | 475 | 163 | 1,879 | 681 |
| Per cent..... | | 68.06 | 31.84 | 67.25 | 32.74 | Orleans.... | 1,118 | 1,454 | 213 | 2,240 | 816 |
| Scattering votes. | | 17 | | | | Total.... | 8,367 | 4,330 | 1,095 | 11,974 | 5,367 |
| Total vote.... | | 18,512 | | 21,558 | | Majority ... | 2,887 | | | 6,607 | |
| | | | | | | Per cent... | 63.42 | 31.27 | 7.90 | 69.05 | 30.94 |
| | | | | | | Scattering | | | | | |
| | | | | | | votes..... | | 55 | | | |
| | | | | | | Total vote..... | 13,347 | | | 17,341 | |
| NOTE.—At the first Congressional election in the 3d District, Sept., 1878, there was no choice, a majority of all the votes being required. Grout, regular Rep., had 6,679; Barlow, holding Rep., and Greenback, 9,919; Waterman, Dem., 3,572; scattering, 135. Total, 20,306. | | | | | | | | | | | |

| 2d District. | | Tyler. Dickey. | Denison. Dickey. | | |
|-------------------|--------|----------------|------------------|-------|--|
| | R. D. | R. D. | R. D. | | |
| Caledonia..... | 2,672 | 1,235 | 2,538 | 1,285 | |
| Orange..... | 2,584 | 1,372 | 3,024 | 1,764 | |
| Windham..... | 3,275 | 894 | 4,082 | 1,101 | |
| Windsor..... | 3,750 | 1,339 | 4,036 | 1,589 | |
| Total..... | 12,281 | 4,390 | 14,430 | 5,739 | |
| Majority over all | 7,846 | | 8,691 | | |
| Per cent..... | 73.46 | 26.20 | 71.54 | 28.45 | |
| Scattering votes. | 45 | | | | |
| Total vote.... | 16,716 | | 20,169 | | |

VIRGINIA—Representatives in Congress—1878.

| FIRST DISTRICT. | | | | FOURTH. | | | |
|--|----------------------|-----------------------|----------------------|--|--------------------|----------------------|--|
| | Beale. Con. D. | Rond. R. | Critcher. Ind. D. | | Hinton. Con. D. | Jorgensen. R. | |
| Accomac..... | 724 | 416 | 19 | Petersburg..... | 1,571 | 1,097 | |
| Northampton..... | 537 | 551 | 10 | Dinwiddle..... | 607 | 931 | |
| Gloucester..... | 415 | 461 | 48 | Brunswick..... | 938 | 1,282 | |
| Mathews..... | 234 | 140 | 17 | Mecklenburg..... | 958 | 1,904 | |
| Middlesex..... | 343 | 459 | 20 | Lunenburg..... | 758 | 741 | |
| Essex..... | 586 | 635 | 98 | Nottoway..... | 386 | 1,069 | |
| King William..... | 389 | 536 | 3 | Amelia..... | 416 | 882 | |
| King and Queen..... | 444 | 565 | 18 | Greensville..... | 470 | 710 | |
| Northumberland..... | 472 | 368 | 142 | Prince Edward..... | 538 | 1,350 | |
| Lancaster..... | 427 | 487 | 21 | Charlotte..... | 709 | 803 | |
| Richmond county..... | 252 | 6 | 561 | Powhatan..... | 269 | 634 | |
| Westmoreland..... | 228 | 5 | 799 | Cumberland..... | 376 | 886 | |
| King George..... | 322 | 11 | 475 | | | | |
| Stafford..... | 519 | 103 | 44 | Total..... | 7,976 | 12,332 | |
| Prince William..... | 544 | 280 | 16 | Per cent..... | 38.29 | 60.68 | |
| Spotsylvania..... | 465 | 270 | 1 | Total vote in 1878, 20,298; in 1876, 26,771; | | | |
| Fredericksburg..... | 420 | 192 | 4 | 883 of which number were cast for M. R. Do | | | |
| | | | | Mortie (Ind. rep.). Majority of Joseph Jor- | | | |
| Total..... | 7,266 | 5,474 | 2,296 | gensen over W. E. Hinton in 1878, 4,346; | | | |
| Per cent..... | 48.32 | 36.40 | 15.26 | same over same in 1876, 1,404. | | | |
| Plurality of R. L. T. Beale over George C. | | | | | | | |
| Rond., 1,702; over John Critcher, 4,970. | | | | | | | |
| Majority of B. B. Douglas (dem.) in 1876 | | | | | | | |
| over S. C. Bristow (rep.) 3,388. Total vote | | | | | | | |
| in 1878, 15,036; in 1876, 25,163. | | | | | | | |
| SECOND. | | | | FIFTH. | | | |
| | Goode. Con. D. | Dezen- dorf. R. | | | Cabell. Con. D. | Witcher. Ind. D. | |
| Norfolk city..... | 1,178 | 627 | | Halifax..... | 1,938 | 1,960 | |
| Portsmouth..... | 878 | 397 | | Pittsylvania..... | 1,970 | 829 | |
| Norfolk county..... | 1,093 | 1,290 | | Henry..... | 761 | 497 | |
| Princess Anne..... | 752 | 531 | | Franklin..... | 1,009 | 510 | |
| Nansemond..... | 1,384 | 683 | | Patrick..... | 504 | 57 | |
| Isle of Wight..... | 1,347 | 373 | | Floyd..... | 531 | 72 | |
| Elizabeth City..... | 261 | 753 | | Carroll..... | 645 | 29 | |
| York..... | 415 | 395 | | Grayson..... | 621 | 139 | |
| Warwick..... | 125 | 232 | | Danville..... | 501 | 163 | |
| James City..... | 163 | 169 | | North Danville..... | 56 | 11 | |
| Charles City..... | 210 | 372 | | | | | |
| New Kent..... | 365 | 280 | | Total..... | 8,545 | 4,267 | |
| Sussex..... | 698 | 683 | | Per cent..... | 66.69 | 33.27 | |
| Southampton..... | 1,621 | 885 | | Total vote in 1878, 12,812; in 1876, 24,988; | | | |
| Surry..... | 493 | 413 | | George C. Cabell's majority over W. A. | | | |
| Prince George..... | 503 | 636 | | Witcher in 1878, 4,218; Cabell over D. S. | | | |
| Williamsburg..... | 111 | 65 | | Lewis (rep.) in 1876, 5,304. | | | |
| | | | | | | | |
| Total..... | 11,547 | 8,808 | | | | | |
| Per cent..... | 56.59 | 43.16 | | | | | |
| Total vote in 1878, 20,355; in 1876, 31,874; | | | | | | | |
| John Goode's majority in 1878 over John F. | | | | | | | |
| Dezen Dorf, 2,730; in 1876, over Joseph Se- | | | | | | | |
| gar (rep.), 1,896. | | | | | | | |
| THIRD. | | | | SIXTH. | | | |
| | Johnston. Con. D. | Newman. G. | | | Tucker. Con. D. | Patteson. Ind. D. | |
| Richmond city..... | 2,653 | 641 | | Alleghany..... | 156 | 71 | |
| Henrico..... | 433 | 537 | | Botetourt..... | 530 | 369 | |
| Chesterfield..... | 616 | 615 | | Bedford..... | 1,331 | 600 | |
| Hanover..... | 704 | 810 | | Rockbridge..... | 1,265 | 967 | |
| Caroline..... | 605 | 474 | | Campbell..... | 891 | 387 | |
| Louisa..... | 507 | 777 | | Amherst..... | 910 | 379 | |
| Manchester..... | 269 | 318 | | Appomattox..... | 467 | 109 | |
| | | | | Buckingham..... | 533 | 735 | |
| Total..... | 5,787 | 4,172 | | Nelson..... | 980 | 535 | |
| Per cent..... | 58.10 | 41.86 | | Lynchburg..... | 824 | 339 | |
| Total vote in 1878, 9,959; in 1876, 28,066. | | | | | | | |
| Majority of Joseph E. Johnston over W. W. | | | | | | | |
| Newman in 1878, 1,615; Gilbert C. Walker | | | | | | | |
| (dem.) over Charles S. Mills (rep.) in 1876, | | | | | | | |
| 2,106. | | | | | | | |
| 7th District. | | | | SEVENTH. | | | |
| | | | | | Harris. D. | Paul. D. | |
| Total vote in 1878, 12,815; in 1876, 23,393. | | | | Bath..... | 223 | 141 | |
| In 1878 no nomination was made by either | | | | Highland..... | 251 | 255 | |
| party; Harris and Paul both claimed to be | | | | Augusta..... | 1,553 | 691 | |
| Conservatives. J. T. Harris's majority over | | | | Rockingham..... | 939 | 1,795 | |
| John Paul, 1,702; Harris over E. W. Early | | | | Page..... | 546 | 386 | |
| (rep.) in 1876, 10,803. | | | | Shenandoah..... | 1,123 | 252 | |
| | | | | Albemarle..... | 1,402 | 1,318 | |
| | | | | Greene..... | 296 | 381 | |
| | | | | Fluvanna..... | 432 | 188 | |
| | | | | Goochland..... | 522 | 298 | |
| | | | | | | | |
| | | | | Total..... | 7,287 | 5,585 | |
| | | | | Per cent..... | 56.43 | 43.53 | |

STATE OF VIRGINIA.—Representatives in Congress. (Continued.)

| EIGHTH. | Hunton. Con. D. | Carter. Ind. D. | Wythe..... | 453 | 15 | 607 | 2 |
|------------------------|--------------------|--------------------|---|-------|-------|-------|-----|
| Frederick..... | 282 | 101 | Pulaski..... | 213 | 124 | 225 | 43 |
| Clarke..... | 332 | 85 | Bland..... | 80 | 29 | 543 | 2 |
| Warren..... | 213 | 17 | Montgomery..... | 380 | 122 | 242 | 320 |
| Loudoun..... | 1,189 | 361 | Giles..... | 209 | 106 | 265 | 10 |
| Alexandria city..... | 727 | 214 | Roanoke..... | 252 | 350 | 76 | 5 |
| Alexandria county..... | 133 | 9 | Craig..... | 61 | 87 | 123 | 10 |
| Fairfax..... | 413 | 09 | | | | | |
| Fauquier..... | 836 | 47 | Total..... | 5,120 | 4,829 | 4,640 | 613 |
| Rappahannock..... | 353 | 5 | Per cent..... | 33 90 | 31 97 | 30 73 | |
| Madison..... | 333 | 83 | J. B. Richmond's plurality over Fayette Mc- | | | | |
| Orange..... | 274 | 25 | Mullin, 291; Fildemore's (dem.) majority | | | | |
| Culpepper..... | 537 | 28 | over George T. Egbert (rep.) in 1876, 10,230. | | | | |
| Winchester..... | 139 | 06 | SUMMARY—TOTAL VOTE. | | | | |

Total..... 5,772 *1,119
 Per cent..... 73.03 21.95
 *There were 506 votes cast for James Cochran (ind.)

Total vote in 1878, 7,397; in 1876, 26,835.
 Eppa Hunton's majority in 1878 over both,
 4,147; in 1876 over J. C. O'Neal (rep.), 6,485.

| NINTH. | Rich- mond. Con. D. | McMul- lin. Ind. D. | New- berry. Ind. D. | Camp- bell. R. | 1878. | 1876. |
|-----------------|---------------------------|---------------------------|---------------------------|----------------------|-----------------------|-----------------|
| Lee..... | 035 | 60 | *807 | 10 | First district..... | 15,030 25,108 |
| Scott..... | 820 | 733 | 279 | 54 | Second district..... | 20,355 31,874 |
| Wisc..... | 274 | 59 | 279 | 56 | Third district..... | 9,959 28,966 |
| Buchanan..... | 4 | 201 | 51 | 5 | Fourth district..... | 20,298 26,771 |
| Washington..... | 451 | 1,218 | 256 | 56 | Fifth district..... | 12,812 24,088 |
| Russell..... | 178 | 477 | 225 | 23 | Sixth district..... | 12,410 27,552 |
| Tazewell..... | 422 | 295 | 487 | 19 | Seventh district..... | 12,815 23,393 |
| Smith..... | 253 | 951 | 85 | 4 | Eighth district..... | 7,397 26,835 |
| | | | | | Ninth district..... | 15,102 19,918 |
| | | | | | Aggregate..... | 126,184 235,465 |

The prepayment of the poll-tax was re-
 quired in 1878 and not in 1876, which accounts
 in great part for the falling off of the vote.

Aggregate vote in 1877, for Governor,
 106,329, of which Holliday (dem.) received
 101,940. There was no republican nomina-
 tion, but 4,889 republican votes were cast.

The Legislature of 1878 stands: Democrats, 180; Republicans, 13; Independents, 22.

WASHINGTON TERRITORY.

| COUNTIES—24. | DELEGATE IN CONGRESS, 1878. | | For Constitu- tion. | Against Constitu- tion. | DELEGATE IN CONGRESS, 1876. | |
|------------------|--------------------------------|--------------|---------------------------|-------------------------------|--------------------------------|---------------|
| | Brents. R. | Caton. D. | | | Jacobs. R. | Judson. D. |
| Ohehalis..... | 74 | 67 | 91 | 42 | 77 | 69 |
| Clallam..... | 78 | 55 | 103 | 8 | 70 | 49 |
| Clarke..... | 453 | 366 | 386 | 330 | 453 | 312 |
| Columbia..... | 632 | 579 | 426 | 513 | 342 | 385 |
| Cowlitz..... | 231 | 156 | 115 | 207 | 193 | 162 |
| Island..... | 80 | 97 | 164 | 1 | 64 | 90 |
| Jefferson..... | 219 | 149 | 332 | 30 | 193 | 183 |
| King..... | 878 | 584 | 1,284 | 30 | 806 | 751 |
| Kitsap..... | 257 | 187 | 198 | 35 | 220 | 222 |
| Klickitat..... | 394 | 206 | 229 | 101 | 144 | 68 |
| Lewis..... | 218 | 220 | 230 | 78 | 198 | 186 |
| Mason..... | 43 | 81 | 54 | 49 | 23 | 124 |
| Pacific..... | 205 | 68 | 158 | 93 | 222 | 70 |
| Pierce..... | 389 | 449 | 230 | 339 | 227 | 310 |
| Skamania..... | 23 | 61 | 17 | 47 | 4 | 30 |
| San Juan..... | 96 | 113 | 167 | 20 | 71 | 112 |
| Snohomish..... | 237 | 170 | 308 | 20 | 224 | 143 |
| Stevens..... | 171 | 164 | 75 | 5 | 117 | 145 |
| Thurston..... | 433 | 353 | 259 | 118 | 365 | 34 |
| Wahkiakum..... | 32 | 96 | 62 | 28 | 25 | 5 |
| Walla Walla..... | 696 | 540 | 89 | 847 | 393 | 54 |
| Whatcom..... | 402 | 309 | 432 | 80 | 299 | 19 |
| Whitman..... | 529 | 395 | 716 | 116 | 174 | 61 |
| Yakima..... | 212 | 208 | 210 | 90 | 169 | 12 |
| Total..... | 6,974 | 5,673 | 6,537 | 3,236 | 5,073 | 4,831 |
| Majority..... | 1,301 | | 3,301 | | 242 | |
| Per cent..... | 55.14 | 44.85 | | | 51.22 | 48.77 |
| Total vote..... | 12,647 | | | | 9,904 | |

NOTE.—The second vote, recorded in 1878, was upon the question of adopting a State
 Constitution as preliminary to seeking admission to the Union.

STATE OF WEST VIRGINIA.

CONGRESS—1878. PRESIDENT—1876.

| COUNTIES. | Will-son. 54. 1st District. | Hubbard. D. R. | Bas-sell. G. D. | Til-den. D. R. | Coop-er. Hayes. G. R. |
|-------------|-----------------------------------|----------------------|-----------------------|----------------------|--------------------------------|
| Brooke... | 450 | 345 | 216 | 641 | 495 2 |
| Calhoun... | 675 | 248 | 12 | 525 | 258 .. |
| Dodd'rsge | 726 | 388 | 451 | 734 | 673 56 |
| Gillmer... | 850 | 243 | 41 | 563 | 276 .. |
| Hancock... | 417 | 423 | 2 | 428 | 518 .. |
| Harrison... | 1,677 | 1,090 | 1,002 | 1,958 | 1,711 99 |
| Lewis... | 1,019 | 673 | 200 | 1,198 | 833 .. |
| Marshall... | 1,017 | 1,400 | 44 | 1,499 | 1,971 .. |
| Ohio..... | 2,878 | 3,323 | 229 | 3,831 | 3,240 .. |
| Pleas'nts | 550 | 298 | 121 | 510 | 389 8 |
| Ritchie... | 868 | 770 | 244 | 977 | 1,099 21 |
| Tyler.... | 767 | 758 | 187 | 810 | 985 9 |
| Wetzel... | 1,412 | 526 | 85 | 1,373 | 593 104 |
| Wirt..... | 750 | 420 | 36 | 599 | 435 11 |
| Wood... | 1,771 | 1,546 | 1,177 | 2,285 | 2,096 271 |

Total...15,857 12,448 4,087 17,911 16,076 576
 Plurality 3,409 Majority...1,259
 Total vote, 32,393 34,563
 Per cent. 43.95 38.42 12.61 51.82 46.51 1.66
 D. D. Johnson (dem.) received one vote in Tyler.

| COUNTIES. | Mar-tin. 2d District. | Burr. D. R. | Thomp-son. G. D. | Til-den. D. R. | Coop-er. Hayes. G. R. |
|--------------|--------------------------|-------------------|------------------------|----------------------|--------------------------------|
| Barbour... | 1,202 | 399 | 359 | 1,228 | 898 .. |
| Berkeley... | 1,294 | 667 | 695 | 1,897 | 1,553 .. |
| Grant... | 227 | 248 | 124 | 816 | 606 .. |
| Hampsh... | 1,113 | 17 | 155 | 1,657 | 278 2 |
| Hardy... | 913 | 5 | 114 | 877 | 147 .. |
| Jefferson... | 1,279 | 118 | 237 | 2,022 | 975 2 |
| Marion... | 1,448 | 1,036 | 634 | 1,735 | 1,560 46 |
| Mineral... | 796 | 183 | 478 | 971 | 697 .. |
| Mon'g'lia | 1,182 | 1,227 | 43 | 1,136 | 1,572 8 |
| Morgan... | 540 | 199 | 112 | 422 | 519 .. |
| Pendlet'n | 636 | 88 | 833 | 808 | 346 .. |
| Poca'tas. | 500 | ..... | ..... | 627 | 239 .. |
| Preston... | 1,185 | 1,434 | 164 | 1,224 | 2,183 .. |
| Rand'lph | 922 | 184 | 148 | 944 | 300 .. |
| Taylor... | 1,068 | 992 | 249 | 1,022 | 1,227 .. |
| Tucker... | 279 | 71 | 71 | 316 | 130 .. |
| Upshur... | 454 | 764 | 307 | 582 | 1,029 .. |
| Webster... | 484 | 5 | 8 | 824 | 43 .. |

Total...15,421 7,587 4,231 18,108 14,457 58
 Majority. 3,603 3,593
 Total vote, 27,240 32,623
 Per cent..56.61 27.85 15.53 55.50 44.31

CONGRESS—1878. PRESIDENT—1876.

| COUNTIES. | Kenna. 3d District. D. | Walker. G. D. | Tilden. D. R. | Hayes. G. R. | Cooper. G. |
|-------------|------------------------------|---------------------|---------------------|--------------------|---------------|
| Boone..... | 656 | 424 | 526 | 176 | 3 |
| Braxton.... | 1,005 | 428 | 941 | 371 | .. |
| Cabell..... | 1,082 | 1,104 | 1,855 | 742 | 4 |
| Clay..... | 147 | 356 | 142 | 139 | 13 |
| Fayette.... | 1,188 | 681 | 983 | 633 | .. |
| Greenbrier. | 1,059 | 699 | 1,669 | 619 | .. |
| Jackson.... | 1,087 | 984 | 1,298 | 1,239 | .. |
| Kanawha... | 2,153 | 2,907 | 2,833 | 2,121 | 484 |
| Lincoln.... | 739 | 533 | 617 | 291 | .. |
| Logan..... | 1,058 | 114 | 683 | 61 | .. |
| Mason..... | 1,617 | 2,125 | 1,900 | 1,890 | 50 |
| McDowell... | 298 | 6 | 139 | 18 | .. |
| Mercer..... | 693 | 466 | 738 | 161 | .. |
| Monroe.... | 766 | 1,122 | 1,239 | 605 | .. |
| Nicholas... | 726 | 346 | 528 | 277 | .. |
| Putnam.... | 568 | 1,166 | 977 | 604 | 150 |
| Raleigh.... | 523 | 398 | 525 | 314 | .. |
| Roane..... | 997 | 851 | 924 | 648 | 35 |
| Summers... | 749 | 504 | 869 | 496 | .. |
| Wayne..... | 1,456 | 869 | 1,362 | 581 | .. |
| Wyoming... | 473 | 180 | 188 | 239 | .. |

Total... 19,040 16,213 20,436 12,165 739
 Majority.... 2,827 7,531
 Total vote.... 35,274 33,840
 Per cent.... 54.00 46.00 61.29 36.48

NOTE.—The republican vote in this district was mainly cast for Henry S. Walker, there being no republican nominee.

Total vote in State, 1878, 94,907
 Total vote, 1876..... 100,526
 Total State, 1876..... 56,455 42,698 1,373
 Per cent, democratic vote, 1878, 53.01
 Per cent, 1876..... 56.16 42.48 1.96

The Legislature of 1879-80, stands: Democrats, 61; Republicans, 10; National Green-back Party, 18—total, 89.

WYOMING TERRITORY.—Delegate in Congress, 1878.

| COUNTIES—5. | Downey. R. | Pease. D. |
|-----------------|---------------|--------------|
| Laramie..... | 1,101 | 1,042 |
| Albany..... | 1,118 | 443 |
| Carbon..... | 651 | 318 |
| Sweetwater..... | 518 | 526 |
| Uinta..... | 460 | 445 |
| Total..... | 3,848 | 2,769 |
| Majority..... | 1,079 | |
| Per cent..... | 58.25 | 41.74 |
| Total vote..... | 6,617 | |

WISCONSIN.—Representatives in Congress.

COUNTIES,—GO.

| 1st DIST. | 1878. | | 1876. | |
|--|-----------|---------|-----------|----------|
| | Williams. | Parker. | Williams. | Winslow. |
| | R. | D. | R. | D. |
| Kenosha.... | 1,292 | 1,244 | 1,600 | 1,441 |
| Racine..... | 3,206 | 2,177 | 3,538 | 2,896 |
| Rock..... | 4,216 | 2,470 | 5,735 | 2,832 |
| Walworth.... | 3,221 | 1,489 | 4,202 | 1,967 |
| Waukesha.... | 2,694 | 2,569 | 3,125 | 3,342 |
| Total..... | 14,629 | 9,949 | 18,206 | 12,478 |
| Plurality.... | 4,680 | | 5,728 | |
| Scattering.... | 21 | | 42 | |
| Per cent.... | 59.52 | 40.07 | 59.33 | 40.66 |
| Total vote. | 24,599 | | 30,684 | |
| 2d DIST. Caswell. Davis. Tenney. Caswell. Orton. | | | | |
| | R. | D. | R. | D. |
| Columbia..... | 2,500 | 1,834 | 192 | 3,468 |
| Dane..... | 4,554 | 4,207 | 940 | 5,274 |
| Jefferson..... | 2,959 | 2,481 | 296 | 2,936 |
| Sauk..... | 2,594 | 980 | 948 | 3,410 |
| Total..... | 12,607 | 9,502 | 2,376 | 15,073 |
| Majority..... | 3,105 | | 328 | |
| Scatter'g.... | 8 | | 6 | |
| Per cent..... | 51.06 | 48.66 | 9.66 | 51.01 |
| Total vote. | 24,518 | | 29,548 | |
| 3d DIST. Hazelton. Kling. Hazelton. Orton. | | | | |
| | R. | D. | R. | D. |
| Crawford.... | 1,023 | 1,301 | 1,400 | 1,540 |
| Grant..... | 3,245 | 2,660 | 4,596 | 3,250 |
| Green..... | 2,027 | 1,890 | 2,587 | 1,862 |
| Iowa..... | 1,861 | 2,272 | 2,607 | 2,389 |
| Lafayette.... | 1,385 | 2,060 | 2,369 | 2,359 |
| Richland.... | 1,654 | 1,400 | 2,028 | 1,634 |
| Total..... | 11,695 | 11,603 | 15,582 | 13,034 |
| Majority..... | 92 | | 2,548 | |
| Scattering.... | 7 | | 8 | |
| Per cent..... | 50.19 | 49.80 | 54.48 | 45.54 |
| Total vote. | 23,298 | | 28,616 | |
| 4th DIST. Frisbie. Deuster. Judd. Smith. Lynde. | | | | |
| | R. | D. | R. | D. |
| Milw'kee..... | 8,577 | 7,252 | 979 | 10,046 |
| Ozaukee..... | 778 | 1,681 | | 584 |
| Wash'tn..... | 1,667 | 2,224 | 226 | 1,322 |
| Total..... | 11,022 | 11,157 | 1,205 | 11,952 |
| Majority..... | 135 | | | 5,701 |
| Scatter'g.... | 154 | | 1 | |
| Per cent..... | 50.19 | 47.88 | 5.17 | 40.37 |
| Total vote. | 23,538 | | 29,605 | |
| 5th DIST. Smith. Bragg. Giddings. Carter. Bragg. | | | | |
| | R. | D. | R. | D. |
| Dodge.... | 2,622 | 4,109 | 1,216 | 3,287 |
| F. DuLac..... | 3,188 | 3,395 | 1,687 | 4,829 |
| M'nit'oc..... | 1,787 | 2,852 | 29 | 2,692 |
| Sheboyg..... | 2,688 | 2,036 | 1,225 | 3,223 |
| Total..... | 10,285 | 12,392 | 4,157 | 14,081 |
| Majority..... | | 2,107 | | 5,513 |
| Scatter'g.... | 79 | | 54 | |
| Per cent..... | 38.36 | 46.18 | 15.49 | 41.79 |
| Total vote. | 26,913 | | 33,575 | |

| 6th DIST. | 1878. | | 1876. | |
|---|---------|--------|---------|----------|
| | Jones. | Bouck. | Steele. | Kimball. |
| | R. | D. | G. | R. |
| Brown..... | 2,008 | 2,422 | 674 | 2,765 |
| Calumet.... | 665 | 1,390 | 511 | 994 |
| Door..... | 676 | 252 | 513 | 1,037 |
| Green Lake.. | 1,069 | 1,108 | 252 | 1,669 |
| Kewaunee.... | 434 | 1,718 | 41 | 424 |
| Outagamie... | 981 | 2,756 | 1,033 | 1,789 |
| Waupaca.... | 1,528 | 1,106 | 660 | 2,545 |
| Waushara.... | 1,641 | 479 | 262 | 1,934 |
| Winnebago.... | 2,776 | 3,123 | 1,198 | 4,640 |
| Total..... | 11,748 | 14,349 | 5,144 | 17,847 |
| Majority.... | | 2,601 | | 2,776 |
| Scattering.... | 15 | | 3 | |
| Per cent.... | 37.58 | 45.90 | 10.05 | 46.30 |
| Total vote. | | 31,250 | | 38,470 |
| 7th DIST. Humphrey. Parker. Humphrey. Gage. | | | | |
| | R. | D. | R. | D. |
| Buffalo..... | 1,152 | 544 | 1,160 | 1,060 |
| Clark..... | | 882 | 827 | 1,196 |
| Eau Claire... 1,594 | | 1,303 | 2,266 | 1,771 |
| Jackson..... | 804 | 839 | 1,500 | 716 |
| La Crosse.... | 1,787 | 1,489 | 2,078 | 2,448 |
| Monroe..... | 1,462 | 2,222 | 2,142 | 2,008 |
| Pepin..... | 658 | 323 | 856 | 872 |
| Pierce..... | 1,544 | 1,066 | 2,277 | 791 |
| St. Croix.... | 1,705 | 1,556 | 1,886 | 1,667 |
| Trempealeau.. | 1,947 | 993 | 2,375 | 779 |
| Vernon..... | 1,718 | 1,718 | 2,416 | 932 |
| Total..... | 15,256 | 12,880 | 20,702 | 13,220 |
| Majority.... | 2,376 | | 7,482 | |
| Scattering.... | 117 | 85 | | |
| Per cent.... | 53.96 | 45.58 | 61.02 | 38.97 |
| Total vote. | 28,253 | | 33,922 | |
| 8th DIST. Pound. Barrows. Pound. Cate. | | | | |
| | R. | D. | R. | D. |
| Adams..... | 646 | 380 | 959 | 465 |
| Ashland..... | 245 | 33 | 152 | 145 |
| Barron..... | 532 | 161 | 578 | 312 |
| Bayfield.... | 145 | 17 | 111 | 51 |
| Burnett..... | 158 | 2 | 285 | 28 |
| Chippewa.... | 1,205 | 1,458 | 1,765 | 1,581 |
| Douglas..... | 52 | 49 | 46 | 65 |
| Dunn..... | 1,369 | 825 | 1,777 | 1,152 |
| Juneau..... | 1,345 | 1,541 | 1,674 | 1,520 |
| Lincoln..... | 271 | 116 | 79 | 237 |
| Marathon.... | 990 | 1,502 | 619 | 1,367 |
| Marquette... 726 | | 1,020 | 632 | 1,120 |
| Oconto..... | 1,331 | 966 | 1,808 | 1,175 |
| Polk..... | 725 | 285 | 963 | 428 |
| Portage..... | 1,311 | 1,410 | 1,860 | 1,787 |
| Shawano.... | 811 | 623 | 579 | 864 |
| Taylor..... | 274 | 77 | 235 | 249 |
| Wood..... | 719 | 906 | 666 | 814 |
| Total..... | 12,795 | 11,421 | 14,838 | 13,860 |
| Majority.... | 1,374 | | 798 | |
| Scattering.... | 14 | | | |
| Per cent.... | 52.86 | 47.13 | 51.70 | 48.29 |
| Total vote. | 24,230 | | 28,696 | |
| Total vote in State, 1878..... | 206,665 | | | |
| Total vote, 1876..... | 253,372 | | | |

The Legislature of 1879-80, stands; Republicans, 90; Democrats, 36; National Green-back Party, 8—total, 133.

NUMBER OF PRINCIPAL OFFICERS FROM EACH STATE,

From the Beginning of the Government in 1789 to 1879.

| STATES. | PRESIDENTS. | VICE-PRESIDENTS. | SECRETARIES OF STATE. | SECRETARIES OF TREASURY. | SECRETARIES OF WAR. | SECRETARIES OF NAVY. | SECRETARIES OF INTERIOR. | POSTMASTERS-GENERAL. | ATTORNEYS-GENERAL. | SUPREME COURT JUSTICES. | PRES'TS <i>pro tem.</i> OF SENATE. | SPEAKERS OF HOUSE. | TOTAL. |
|------------------------|-------------|------------------|-----------------------|--------------------------|---------------------|----------------------|--------------------------|----------------------|--------------------|-------------------------|------------------------------------|--------------------|--------|
| 1 Alabama..... | | 1 | | | | | | | | 2 | 2 | | 5 |
| 2 Arkansas..... | | | | | | | | | | | | | 1 |
| 3 California..... | | | | | | | | | | 1 | | | 1 |
| 4 Colorado..... | | | | 1 | 1 | 2 | | 4 | 1 | 1 | 3 | 1 | 14 |
| 5 Connecticut..... | | | 2 | 1 | | | | | 1 | | | | 4 |
| 6 Delaware..... | | | | | | | | | | | | | |
| 7 Florida..... | | | 1 | 2 | 2 | | | 1 | 2 | 1 | 3 | 1 | 13 |
| 8 Georgia..... | 2 | | 1 | 1 | 1 | | 1 | | | 1 | | | 6 |
| 9 Illinois..... | | 1 | | 1 | | 1 | 2 | 1 | | | 1 | 3 | 10 |
| 10 Indiana..... | | | | | 2 | | 1 | | | 1 | | | 4 |
| 11 Iowa..... | | | | | | | | | | | | | |
| 12 Kansas..... | | 2 | 1 | 3 | 1 | | | 4 | 3 | 3 | 2 | 3 | 21 |
| 13 Kentucky..... | 1 | | 1 | | 1 | | | | | | | | 3 |
| 14 Louisiana..... | | 1 | | 2 | | | | 1 | 1 | 1 | | 1 | 7 |
| 15 Maine..... | | | 1 | 2 | 1 | 3 | | 2 | 5 | 5 | 2 | | 21 |
| 16 Maryland..... | 2 | 3 | 3 | 3 | 4 | 5 | | 1 | 4 | 3 | 2 | 4 | 34 |
| 17 Massachusetts..... | | | 1 | | 1 | | 2 | | | | 2 | | 6 |
| 18 Michigan..... | | | | 1 | 1 | | 1 | | 1 | | 1 | | 4 |
| 19 Minnesota..... | | | | | | | | | | | | | 3 |
| 20 Mississippi..... | | | | | | | | | | | | | |
| 21 Missouri..... | | | | | | | | | 1 | | | | |
| 22 Nebraska..... | | | | | | | | | | | | | |
| 23 Nevada..... | | | | | | | | | | | | | |
| 24 New Hampshire..... | 1 | | | 1 | | 1 | | | | 1 | 3 | | 7 |
| 25 New Jersey..... | | | | | | 3 | | | | 2 | 1 | 2 | 8 |
| 26 New York..... | 2 | 6 | 5 | 3 | 5 | 2 | | 2 | 3 | 5 | 1 | 1 | 35 |
| 27 North Carolina..... | | | | | | | 4 | | | 2 | 3 | 1 | 10 |
| 28 Ohio..... | 2 | | | 4 | 3 | | 3 | 3 | 3 | 4 | 1 | | 23 |
| 29 Oregon..... | | | | | | | | | 1 | | | | 1 |
| 30 Pennsylvania..... | 1 | 1 | 3 | 7 | 6 | 2 | | 2 | 4 | 4 | 3 | 3 | 36 |
| 31 Rhode Island..... | | | | | | | | | | | 2 | | 2 |
| 32 South Carolina..... | | 1 | 2 | | 2 | 1 | | | 1 | 2 | 3 | 2 | 14 |
| 33 Tennessee..... | 3 | 1 | | 1 | 2 | | | 3 | 1 | 1 | 2 | 2 | 16 |
| 34 Texas..... | | | | | | | | | | | 1 | | 1 |
| 35 Vermont..... | | | | | | | | 1 | | | 2 | | 3 |
| 36 Virginia..... | 5 | 2 | 6 | | 3 | 4 | 1 | | 4 | 5 | 6 | 4 | 40 |
| 37 West Virginia..... | | | | | | | | | | | | | |
| 38 Wisconsin..... | | | | | | | | 1 | | | 1 | | 2 |
| Total..... | 19 | 19 | 27 | 32 | 36 | 28 | 12 | 23 | 35 | 45 | 48 | 28 | 354 |

OFFICERS OF THE SMITHSONIAN INSTITUTION.

Secretary—Spencer F. Baird.

Chief Clerk—William J. Rhces.

Executive Committee. { Peter Parker,
John Maclean,
Wm. T. Sherman.

REGENTS OF THE INSTITUTION.

Morrison R. Waite, Chief-Justice of the U. S.
 T. W. Ferry, President of the Senate, *pro tem.*
 H. Hamlin, member of the Senate.
 R. E. Withers, member of the Senate.
 A. A. Sargent, member of the Senate.
 Heister Clymer, member of the House.
 Alex. H. Stephens, member of the House.

James A. Garfield, member of the House.
 John Maclean, Princeton, N. J.
 Peter Parker, Washington, D. C.
 Wm. T. Sherman, Washington, D. C.
 Asa Gray, Cambridge, Mass.
 Noah Porter, New Haven, Conn.
 Henry Coppee, Bethlehem, Pa.

Agricultural Crops of 1878 in the United States.

[Estimate by the Department of Agriculture.]

| | | | |
|-------------|----------------------|---------------|----------------------|
| Wheat..... | 425,000,000 bushels. | Potatoes..... | 129,000,000 bushels. |
| Barley..... | 42,000,000 " | Corn..... | 1,746,325,000 " |
| Rye..... | 26,000,000 " | Oats..... | 410,000,000 " |
| Hay..... | 37,953,300 tons. | Cotton..... | 5,200,000 bales. |

Statistics of Schools for the Unfortunate Classes in the United States.

The number of institutions for the instruction of the Deaf and Dumb in the United States for 1876 was 42, with 312 instructors, 5,000 pupils, and \$1,232,858 expenditure for the year.

The number of schools for the Blind in 1876 was 29, with 580 instructors and other employes, 2083 pupils; \$736,550 expenditures.

The number of schools for Feeble-Minded Youth (idiots and imbeciles) was 11, having 318 instructors and other employes, 1560 inmates, at an expenditure of \$302,686.

The number of Reform Schools in the United States was 51, all located in 19 Northern and Western States, and having 800 teachers, officers, and assistants, with 12,087 inmates, at an annual cost for instruction of \$1,404,483, and annual earnings by the inmates of \$174,119.

The number of Orphan Asylums in the United States, in 1876, was 188, in 29 States and 2 Territories, having 1530 officers and assistants, 18,759 inmates, maintained at an expenditure of \$1,541,444. Of Soldiers' Orphan Homes, there were 20, with 366 officers, etc.; 4146 inmates, and an expenditure of \$433,678 in 1876.

Of Industrial Schools there were 36, located in 17 States, employing 425 teachers and assistants, with 13,663 pupils, and an expenditure last year of \$342,599.

Railroad Building in 1878.—The railroad construction of the year 1878, in the United States, is given by the *Railroad Gazette* (N. Y.) at 2,688 miles, distributed among thirty-five States and Territories. This is a larger number of miles of new railroad than have been constructed in any year since 1873.

Failures in 1878.—The records of failures in the United States during the whole year 1878, as tabulated by Dun, Barlow & Co., aggregate 10,478 failures, involving liabilities to the amount of \$234,383,132; being an increase over the failures of 1877 of 1,606 in number of failures, and \$43,713,196 in liabilities.

United States Bonds held by the Treasury to secure National Bank Circulation, and Interest received by the Banks thereon—1870-1879.

[Compiled from the Reports of the Comptroller of the Currency.]

| DATE. | 6 per cent. Bonds. | 5 per cent. Bonds. | 4½ per cent. Bonds. | 4 per cent. Bonds. | Total Bonds. | Total Interest. |
|---------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------|--------------------|
| | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. |
| Nov. 1, 1870. | 247,460,950 | 97,284,600 | | | 344,745,550 | 19,711,887 |
| Nov. 1, 1871. | 181,158,600 | 135,955,850 | | | 367,114,450 | 20,167,308 |
| Nov. 1, 1872. | 173,303,100 | 211,665,800 | | | 384,968,900 | 20,981,476 |
| Nov. 1, 1873. | 157,834,950 | 235,017,150 | | | 392,852,100 | 21,220,954 |
| Nov. 1, 1874. | 145,981,650 | 239,440,100 | | | 385,421,750 | 20,730,904 |
| Nov. 1, 1875. | 128,503,212 | 239,046,200 | | | 367,549,412 | 19,662,502 |
| Nov. 1, 1876. | 103,819,300 | 223,602,700 | 10,305,800 | | 337,727,800 | 17,873,054 |
| Nov. 1, 1877. | 81,934,550 | 200,090,500 | 45,089,700 | 15,884,150 | 343,048,900 | 17,588,000 |
| Nov. 1, 1878. | 72,829,750 | 196,615,600 | 49,397,250 | 30,566,300 | 349,408,900 | 17,646,093 |
| Feb. 1, 1879. | 67,961,650 | 184,856,300 | 43,578,550 | 52,542,700 | 348,939,200 | 17,383,256 |

NOTE.—The Comptroller's Report states the average rate of State taxation on the capital of the National Banks at 2 per cent.; the U. S. tax on circulation at 1 per cent.; and the profit to the Banks on amount of circulation redeemable on \$349,408,900 Bonds deposited (being \$314,468,010, less 5 per cent. redemption fund), at \$8,961,519, or about 2½ per cent. on the capital invested in the Bonds (on the basis of keeping their whole issues loaned), more than would be derived from loaning the whole capital at 8 per cent., without the privilege of circulating notes.

STATE CAPITALS AND GOVERNORS IN 1879.

| STATE. | CAPITAL. | GOVERNOR. | Years of Term. | Term Began. | Term Ends. | Salary. |
|------------------|------------------|------------------------------------|----------------|---------------|---------------|---------|
| Alabama..... | Montgomery... | Rufus W. Cobb, D... | 2 | Nov. 28, '78 | Nov. 27, '80 | \$3,000 |
| Arkansas..... | Little Rock... | William R. Miller, D. | 2 | Jan. 7, '79 | Jan. 4, '81 | 3,500 |
| California..... | Sacramento... | William Irwin, D.... | 4 | Dec. 4, '75 | Dec. 1, '79 | 7,000 |
| Colorado..... | Denver..... | Frod. W. Pitkin, R. | 2 | Jan. 14, '79 | Jan. 10, '81 | 3,000 |
| Connecticut..... | Hartford..... | Charles B. Andrews, R. | 2 | Jan. 9, '79 | Jan. 13, '81 | 2,000 |
| Delaware..... | Dover..... | John W. Hall, D.... | 4 | Jan. 21, '79 | Jan. 21, '83 | 2,000 |
| Florida..... | Tallahassee... | George F. Drew, D... | 4 | Jan. 1, '77 | Jan. 1, '81 | 3,500 |
| Georgia..... | Atlanta..... | Alfred H. Colquitt, D. | 4 | Jan. 1, '77 | Jan. 1, '81 | 4,000 |
| Illinois..... | Springfield... | Shelby M. Cullom, R. | 4 | Jan. 8, '77 | Jan. 10, '81 | 6,000 |
| Indiana..... | Indianapolis... | Jas. D. Williams, D... | 4 | Jan. 8, '77 | Jan. 3, '81 | 6,000 |
| Iowa..... | Des Moines.... | John H. Gear, R.... | 2 | Jan. 14, '78 | Jan. 11, '80 | 3,000 |
| Kansas..... | Topeka..... | John P. St. John, R.. | 2 | Jan. 13, '79 | Jan. 10, '81 | 3,000 |
| Kentucky..... | Frankfort..... | Jas. B. McCreary, D. | 4 | Aug. 31, '75 | Sept. 3, '79 | 5,000 |
| Louisiana..... | New Orleans.... | Francis T. Nicholls, D. | 4 | Jan. 8, '77 | Jan. 10, '81 | 8,000 |
| Maine..... | Augusta..... | Alonzo Garcelon, D.. | 1 | Jan. 4, '79 | Jan. 1, '80 | 2,500 |
| Maryland..... | Annapolis..... | John Lee Carroll, D.. | 4 | Jan. 1, '76 | Jan. 1, '80 | 4,500 |
| Massachusetts.. | Boston..... | Thomas Talbot, R.... | 1 | Jan. 1, '79 | Jan. 7, '80 | 5,000 |
| Michigan..... | Lansing..... | Chas. M. Croswell, R. | 2 | Jan. 1, '79 | Jan. 1, '81 | 1,000 |
| Minnesota..... | St. Paul..... | John S. Pillsbury, R. | 2 | Jan. 8, '78 | Jan. 13, '80 | 3,000 |
| Mississippi..... | Jackson..... | John M. Stone, D.... | 4 | Jan. 8, '78 | Jan. 3, '82 | 4,000 |
| Missouri..... | Jefferson City.. | John S. Phelps, D.... | 4 | Jan. 8, '77 | Jan. 10, '81 | 5,000 |
| Nebraska..... | Lincoln..... | Albinus Nance, R.... | 2 | Jan. 7, '79 | Jan. 4, '81 | 2,500 |
| Nevada..... | Carson City... | John H. Kinkaid, R.. | 4 | Jan. 6, '79 | Jan. 1, '81 | 6,000 |
| New Hampshire.. | Concord..... | Benj. F. Prescott, R. ¹ | 1 | June 5, '78 | June 4, '79 | 1,000 |
| New Jersey..... | Trenton..... | Geo. B. McClellan, D. | 3 | Jan. 15, '78 | Jan. 18, '81 | 5,000 |
| New York..... | Albany..... | Lucius Robinson, D.. | 3 | Jan. 1, '77 | Jan. 1, '80 | 10,000 |
| North Carolina. | Raleigh..... | Thomas J. Jarvis, D.. | 4 | Feb. 5, '79 | Jan. 1, '81 | 4,000 |
| Ohio..... | Columbus..... | Richard M. Bishop, D. | 2 | Jan. 14, '78 | Jan. 12, '80 | 4,000 |
| Oregon..... | Salem..... | W. W. Thayer, D.... | 4 | Sept. 11, '78 | Sept. 13, '82 | 1,500 |
| Pennsylvania... | Harrisburg.... | Henry M. Hoyt, R.... | 3 | Jan. 21, '79 | Jan. 17, '82 | 10,000 |
| Rhode Island... | Newp't & Prov. | Chas. C. Van Zandt, R | 1 | May 23, '78 | May 27, '79 | 4,000 |
| South Carolina. | Columbia..... | W. D. Simpson, Actg. D | 2 | Dec. ... | Dec. ... | 4,500 |
| Tennessee..... | Nashville..... | Albert S. Marks, D... | 2 | Jan. 15, '79 | Jan. 15, '81 | 4,000 |
| Texas..... | Austin..... | Oran M. Roberts, D.. | 2 | Jan. 15, '79 | Jan. 15, '81 | 4,000 |
| Vermont..... | Montpelier.... | Redfield Proctor, R.. | 2 | Oct. 4, '78 | Oct. 5, '80 | 1,000 |
| Virginia..... | Richmond..... | F. W. M. Holliday, D. | 4 | Jan. 1, '78 | Jan. 1, '82 | 5,000 |
| West Virginia.. | Wheeling..... | Hy. M. Mathews, D... | 4 | Mar. 4, '77 | Mar. 4, '81 | 2,700 |
| Wisconsin..... | Madison..... | William E. Smith, R.. | 2 | Jan. 7, '78 | Jan. 5, '80 | 5,000 |

1 Natt Head, R., was elected Governor Nov. 5, 1878, for the first biennial term under the new constitution, beginning June 4, 1879.

Democratic Governors, 23.

Republican Governors, 15.

Governors of the Territories in 1879.

| TERRITORY. | CAPITAL. | GOVERNOR. | Years of Term. | Term Began. | Term Ends. | Salary. |
|----------------|------------------|------------------------|----------------|--------------|--------------|---------|
| Arizona..... | Tucson..... | John C. Fremont, R.. | 4 | June 12, '78 | June 13, '82 | \$2,600 |
| Dakota..... | Yankton..... | Wm. A. Howard, R.. | 4 | Mar. 12, '78 | Mar. 12, '82 | 2,600 |
| Idaho..... | Boise City.... | Mason Brayman, R.. | 4 | July 24, '76 | July 24, '80 | 2,600 |
| Montana..... | Helena..... | Benjamin F. Potts, R. | 4 | July 13, '78 | July 13, '82 | 2,600 |
| New Mexico.... | Santa Fé..... | Lewis Wallace, R.... | 4 | Sept. 3, '78 | Sept. 3, '82 | 2,600 |
| Utah..... | Salt Lake City.. | George W. Emery, R. | 4 | July 1, '75 | July 1, '79 | 2,600 |
| Washington.... | Olympia..... | Elisha P. Ferry, R.... | 4 | Apr. 26, '76 | Apr. 26, '80 | 2,600 |
| Wyoming..... | Cheyenne..... | John W. Hoyt, R.... | 4 | Apr. 10, '78 | Apr. 10, '82 | 2,600 |

LEGISLATURES AND ELECTIONS OF STATES.

| STATES. | Ses- sions. | Next Legisla- ture meets. | Limit of Session. | Term of Sen. | Term of Rep. | Salary. | Next Election. |
|------------------|----------------|------------------------------------|-------------------------|-----------------|-----------------|---|--------------------|
| Alabama..... | Bien. | Nov. 9, '80 | 50 days. | 4 | 2 | { \$4 per day & 10 c. mileage. } | Bien. Aug. 2, '80 |
| Arkansas..... | Bien. | Jan. 13, '79 | 60 days. | 4 | 2 | { \$6 per day. \$10 per day & \$3 for 20 m. travel. } | Bien. Sept. 6, '80 |
| California..... | Bien. | Dec. 1, '79 | 120 days. | 4 | 2 | { \$4 per day. \$300 and mileage. } | Bien. Sept. 3, '79 |
| Colorado..... | Bien. | Jan. 1, '79 | 40 days. | 4 | 2 | { \$3 per day & mil'ge. \$6 per day. } | Bien. Oct. 5, '80 |
| Connecticut..... | Bien. | Jan. 8, '79 | None. | 2 | 1 | { \$4 per day & mil'ge. \$5 per day & 10 c. mileage & \$50. } | Bien. Nov. 2, '80 |
| Delaware..... | Bien. | Jan. 7, '79 | None. | 4 | 2 | { \$5 per day & 10 c. mileage & \$50. } | Bien. Nov. 2, '80 |
| Florida..... | Bien. | Jan. 1, '79 | 60 days. | 4 | 2 | { \$5 per day. \$550. } | Bien. Nov. 2, '80 |
| Georgia..... | Bien. | Nov. 4, '80 | 40 days. | 4 | 2 | { \$3 per day for 50 d. \$5 day & mil'ge 15 c. } | Bien. Oct. 6, '80 |
| Illinois..... | Bien. | Jan. 8, '79 | None. | 4 | 2 | { \$8 per day and mileage. } | Bien. Nov. 2, '80 |
| Indiana..... | Bien. | Jan. 9, '79 | 60 days. | 4 | 2 | { \$5 per day and mileage. } | Bien. Oct. 12, '80 |
| Iowa..... | Bien. | Jan. 12, '80 | None. | 4 | 2 | { \$5 per day and 15 c. \$500. } | Bien. Oct. 12, '80 |
| Kansas..... | Bien. | Jan. 14, '79 | 50 days. | 4 | 2 | { \$5 day & mile. & \$30. \$3 per day. } | Bien. Nov. 2, '80 |
| Kentucky..... | Bien. | Dec. 31, '79 | 60 days. | 4 | 2 | { \$8 per day and 40 c. mileage. } | Bien. Aug. 4, '79 |
| Louisiana..... | Ann. | Jan. 6, '79 | 60 days. | 4 | 2 | { \$3 per day and mileage. } | Bien. Nov. 2, '80 |
| Maine..... | Ann. | Jan. 1, '79 | None. | 1 | 1 | { \$5 per day and mileage. } | Ann. Sept. 8, '79 |
| Maryland..... | Bien. | Jan. 5, '80 | 90 days. | 4 | 2 | { \$650. \$3 day & 10 c. mile. } | Bien. Nov. 4, '79 |
| Massachus'tts. | Ann. | Jan. 1, '79 | None. | 1 | 1 | { \$5 per day and 15 c. \$500. } | Ann. Nov. 4, '79 |
| Michigan..... | Bien. | Jan. 1, '79 | None. | 2 | 2 | { \$5 day & mile. & \$30. \$3 per day. } | Bien. Nov. 2, '80 |
| Minnesota..... | Bien. | Jan. 7, '79 | 60 days. | 2 | 1 | { \$8 per day and 40 c. mileage. } | Bien. Nov. 2, '80 |
| Mississippi..... | Bien. | Jan. 6, '80 | None. | 4 | 2 | { \$3 per day and mileage. } | Bien. Nov. 4, '79 |
| Missouri..... | Bien. | Jan. 8, '79 | 70 days. | 4 | 2 | { \$5 day & mile. & \$30. \$3 per day. } | Bien. Nov. 2, '80 |
| Nebraska..... | Bien. | Jan. 7, '79 | 40 days. | 2 | 2 | { \$8 per day and 40 c. mileage. } | Bien. Nov. 2, '80 |
| Nevada..... | Bien. | Jan. 6, '79 | 60 days. | 4 | 2 | { \$3 per day and mileage. } | Bien. Nov. 2, '80 |
| N. Hampshire. | Bien. | June 4, '79 | None. | 2 | 2 | { \$500. \$1,500. } | Bien. Nov. 2, '80 |
| New Jersey.... | Ann. | Jan. 14, '79 | None. | 3 | 1 | { \$4 per day and 10 c. mileage. } | Ann. Nov. 4, '79 |
| New York..... | Ann. | Jan. 7, '79 | None. | 2 | 1 | { \$5 per day and \$3 for 25 m. } | Ann. Nov. 4, '79 |
| N. Carolina.... | Bien. | Jan. 8, '79 | 60 days. | 2 | 2 | { \$3 per day and \$3 for 20 m. } | Bien. Nov. 2, '80 |
| Ohio..... | Bien. | Jan. 7, '79 | None. | 2 | 2 | { \$1,000. \$1 per day and 8 c. mileage. } | Ann. Oct. 7, '79 |
| Oregon..... | Bien. | Sep. 13, '80 | 40 days. | 4 | 2 | { \$5 per day and 10 c. mileage. } | Bien. June 7, '80 |
| Pennsylvania.. | Bien. | Jan. 7, '79 | None. | 4 | 2 | { \$4 per day and 16 c. mileage. } | Bien. Nov. 2, '80 |
| Rhode Island * | Ann. | Jan. 14, '79 | None. | 1 | 1 | { \$5 per day. \$540. } | Ann. Apr. 2, '79 |
| S. Carolina.... | Ann. | Nov. 5, '79 | None. | 4 | 2 | { \$4 day & mileage. \$350 & 10 c. mile. } | Bien. Nov. 2, '80 |
| Tennessee..... | Bien. | Jan. 6, '79 | 75 days. | 2 | 2 | { \$5 per day. \$3 per day. } | Bien. Nov. 2, '80 |
| Texas..... | Bien. | Jan. 14, '79 | 60 days. | 4 | 2 | { \$3 per day. \$540. } | Bien. Nov. 2, '80 |
| Vermont..... | Bien. | Oct. 6, '80 | None. | 2 | 2 | { \$4 day & mileage. \$350 & 10 c. mile. } | Bien. Sept. 7, '80 |
| Virginia..... | Bien. | Dec. 3, '79 | 90 days. | 4 | 2 | | Bien. Nov. 4, '79 |
| West Virginia. | Bien. | Jan. 8, '79 | 45 days. | 4 | 2 | | Bien. Oct. 12, '80 |
| Wisconsin..... | Ann. | Jan. 8, '79 | None. | 2 | 1 | | Ann. Nov. 4, '79 |
| TERRITORIES. | | | | | | | |
| Arizona..... | Bien. | Jan. 6, '79 | 40 days. | 2 | 2 | { \$6 per day and mileage. } | Bien. Nov. 2, '80 |
| Dakota..... | Bien. | Jan. 14, '79 | 40 days. | 2 | 2 | | Bien. Nov. 2, '80 |
| Idaho..... | Bien. | Jan. 12, '80 | 40 days. | 2 | 2 | | Bien. Nov. 4, '79 |
| Montana..... | Bien. | Jan. 14, '79 | 40 days. | 2 | 2 | | Bien. Nov. 2, '80 |
| New Mexico... | Bien. | Jan. 5, '80 | 40 days. | 2 | 2 | | Bien. Nov. 2, '80 |
| Utah..... | Bien. | Jan. 12, '80 | 40 days. | 2 | 2 | | Ann. Aug. 4, '79 |
| Washington.... | Bien. | Oct. 6, '79 | 40 days. | 2 | 2 | | Bien. Nov. 2, '80 |
| Wyoming..... | Bien. | Nov. 4, '79 | 40 days. | 2 | 2 | | Ann. Sept. 7, '80 |

* The Rhode Island Legislature is required to meet annually the last Tuesday in May, at Newport, and an adjourned session to be holden annually at Providence.

NOTE.—In Ohio, and a few other States where the legislative sessions are biennial, the legislature holds "adjourned sessions," practically amounting to annual meetings.

STATE DEBTS, VALUATION, AND TAXES.

The following statistics of the finances of the thirty-eight States in the Union have been derived in most cases from the officers of the States themselves :

| STATES. | Date of Statement. | AMOUNT OF STATE DEBT. | | Amount Raised by Taxation Last Year. | AMOUNT OF TAXABLE PROPERTY AS ASSESSED. | | State Tax on \$100. |
|----------------|-----------------------------------|-----------------------|------------|--------------------------------------|---|-------------|---------------------|
| | | Funded. | Unfunded. | | Real. | Personal. | |
| | | | \$ | \$ | \$ | \$ | Cts. |
| Alabama... | Sept. 30, 1878. | 9,452,669 | ..... | 827,399 | 117,486,581 | | 70 |
| Arkansas... | Sept. 30, 1877. | 4,153,035 | 13,967,012 | 457,450 | 61,990,452 | 32,692,425 | 60 |
| California... | Oct. 31, 1878. | 3,403,000 | None. | 4,105,884 | 454,641,311 | 140,431,866 | 53 |
| Colorado... | Nov. 30, 1878. | None. | 123,808 | 155,506 | 25,804,945 | 17,268,303 | 36 |
| Connect't. | Dec. 1, 1877. | 4,967,600 | ..... | 2,246,490 | 238,027,082 | 106,379,945 | 15 |
| Delaware... | Jan. 1, 1877. | 1,301,000 | ..... | 134,400 | | | 50 |
| Florida..... | Jan. 1, 1878. | 1,284,700 | 61,572 | 225,000 | 19,713,482 | 10,197,991 | 90 |
| Georgia..... | Jan. 1, 1878. | 10,644,500 | ..... | 1,120,990 | 140,153,250 | 95,506,280 | 50 |
| Illinois..... | Oct. 1, 1878. | 502,742 | None. | 3,330,000 | 994,214,374 | 206,908,736 | 36 |
| Indiana..... | Nov. 1, 1878. | 4,998,178 | ..... | 1,211,000 | 639,963,057 | 215,829,988 | 14 |
| Iowa..... | Oct. 30, 1877. | 545,435 | ..... | 965,062 | 302,279,661 | 102,392,383 | 20 |
| Kansas..... | July 1, 1878. | 1,181,975 | ..... | 705,060 | 96,695,457 | 41,131,186 | 55 |
| Kentucky... | Oct. 10, 1878. | 1,852,841 | ..... | 1,430,957 | 357,326,013 | | 40 |
| Louisiana... | Jan. 1, 1878. | 11,624,500 | 1,035,943 | 2,473,629 | 139,220,457 | 35,483,337 | 1.45 |
| Maine..... | Jan. 1, 1878. | 5,873,900 | ..... | 675,173 | 224,579,569 | | 40 |
| Maryland... | Oct. 1, 1877. | 10,758,678* | ..... | 1,063,958 | 547,044,271 | | 17 |
| Massac'ts... | Jan. 1, 1879. | 33,220,464† | ..... | 1,000,000 | 1,118,557,164 | 450,431,046 | 06.37 |
| Michigan... | Oct. 1, 1878. | 959,150 | ..... | 603,248 | 308,753,036 | 66,127,992 | 17 |
| Minnesota... | Dec. 22, 1877. | 2,675,000 | 122,002 | 672,647 | 175,788,979 | 45,141,650 | 20 |
| Mississippi... | January, 1878. | 2,954,458 | ..... | 634,701 | 94,940,254 | 32,186,480 | 50 |
| Missouri... | Jan. 1, 1879. | 16,753,000 | 250,000 | 2,813,953 | 438,663,920 | 176,052,313 | 40 |
| Nebraska... | Nov. 30, 1878. | 599,267 | ..... | 918,413 | 39,263,823 | 25,125,712 | 63½ |
| Nevada..... | Jan. 1, 1878. | 557,017 | 88,625 | 601,760 | 16,820,384 | 12,744,289 | 90 |
| N. Hamps... | June 1, 1878. | 3,420,100 | 124,408 | 400,000 | 199,080,353 | | 20 |
| N. Jersey... | Oct. 31, 1878. | 2,196,300 | ..... | 820,000 | 445,918,221 | 160,497,340 | 10 |
| New York... | Sept. 30, 1878. | 9,154,055 | 926,695 | 5,323,149 | 2,376,252,178 | 379,488,140 | 29 |
| N. Carolina... | Sept. 30, 1878. | 16,960,045 | 10,160,133 | 533,635 | 91,679,918 | 56,884,639 | 33 |
| Ohio..... | Nov. 15, 1878. | 6,476,903 | ..... | 4,560,379 | 1,084,455,378 | 490,190,387 | 29 |
| Oregon..... | Sept. 9, 1878. | ..... | ..... | 286,914 | 41,436,086 | | 50 |
| Pennsylv'a. | Dec. 1, 1878. | 21,875,621 | 113,883 | 6,092,001 | No tax on Real Estate. | 159,382,242 | 20 |
| Rhode I'd... | Oct. 1, 1878. | 2,534,500 | None. | 492,360 | 188,655,569 | 67,397,249 | 12 |
| S. Carolina... | Oct. 31, 1878. | 5,130,966 | 1,603,730 | 715,982 | 85,633,873 | 40,063,341 | 45 |
| Tennessee... | Dec. 21, 1878. | 20,221,800 | 4,301,902 | 626,529 | 502,340,815 | 20,871,338 | 10 |
| Texas..... | Sept. 1, 1878. | 5,073,861 | ..... | 1,396,170 | 83,174,600 | 174,457,409 | 50 |
| Vermont..... | Aug. 1, 1878. | 88,000 | ..... | 323,424 | 70,849,386 | 16,845,123 | 30 |
| Virginia... | Dec. 1, 1878. | 29,350,826 | ..... | 2,500,000 | 246,391,193 | 76,178,438 | 50 |
| West Va... | Creation of State Debt prohibited | ..... | ..... | 323,462 | 107,352,719 | 62,740,489 | 80 |
| Wisconsin... | Sept. 30, 1878. | 2,252,057 | ..... | 554,911 | 423,596,290 | | 13½ |

* The State of Maryland held \$1,235,713 in interest-paying securities of corporations, besides \$23,360,623 in unproductive securities.

† Massachusetts held \$10,585,690 in sinking fund, January 1, 1878.

Historical and Statistical Table of the United States and Territories, showing the Area of each in Square Miles and in Acres; the Date of Organization of Territories; Date of Admission of New States into the Union, with the Statutory References for each.

Corrected from Report of Commissioner of the General Land Office.

| THE THIRTEEN ORIGINAL STATES. | Ratified the Constitution. | Area of the Original States. | |
|-------------------------------|----------------------------|------------------------------|------------|
| | | In Square Miles. | In Acres. |
| New Hampshire..... | June 21, 1788 | 9,280 | 5,939,200 |
| Massachusetts..... | Feb. 6, 1788 | 7,800 | 4,982,000 |
| Rhode Island..... | May 29, 1790 | 1,306 | 835,840 |
| Connecticut..... | Jan. 9, 1788 | 4,750 | 3,040,000 |
| New York..... | July 26, 1788 | 47,000 | 30,080,000 |
| New Jersey..... | Dec. 18, 1787 | 8,320 | 5,324,800 |
| Pennsylvania..... | Dec. 12, 1787 | 46,000 | 29,440,000 |
| Delaware..... | Dec. 7, 1787 | 2,120 | 1,356,800 |
| Maryland..... | April 28, 1788 | 11,124 | 7,119,360 |
| Virginia—East and West..... | June 25, 1788 | 61,352 | 39,265,280 |
| North Carolina..... | Nov. 21, 1789 | 50,704 | 32,450,560 |
| South Carolina..... | May 23, 1788 | 34,000 | 21,760,000 |
| Georgia..... | Jan. 2, 1788 | 58,000 | 37,120,000 |

| STATES ADMITTED. | Act Organizing Territory. | U. S. Statutes. | | Act Admitting State. | U. S. Statutes. | | Admission Took Effect. | Area of Admitted States and Territories. | |
|--------------------|---------------------------|-----------------|-------|----------------------|-----------------|-----|------------------------|--|-------------|
| | | Vol. | P. | | Vol. | P. | | In Sq. Miles. | In Acres. |
| Kentucky..... | (Out of Va.)..... | ..... | ..... | Feb. 4, 1791 | 1 | 189 | June 1, 1792 | 37,680 | 24,115,200 |
| Vermont..... | Out of N.H. & N.Y. .... | ..... | ..... | Feb. 18, 1791 | 1 | 191 | Mar. 4, 1791 | 9,612 | 6,151,680 |
| Tennessee..... | (Out of N. C.)..... | ..... | ..... | June 1, 1796 | 1 | 491 | June 1, 1796 | 45,600 | 29,184,000 |
| Ohio..... | Ord'n'e of 1787 | 1 | 5 | Apr. 30, 1802 | 2 | 173 | Nov. 29, 1802 | 39,964 | 25,576,960 |
| Louisiana..... | March 3, 1805 | 2 | 331 | Apr. 8, 1812 | 2 | 701 | Apr. 30, 1812 | 41,346 | 26,461,440 |
| Indiana..... | May 7, 1800 | 2 | 58 | Dec. 11, 1816 | 3 | 399 | Dec. 11, 1816 | 33,809 | 21,637,760 |
| Mississippi..... | April 7, 1798 | 1 | 549 | Dec. 10, 1817 | 3 | 472 | Dec. 10, 1817 | 47,156 | 30,179,840 |
| Illinois..... | Feb. 3, 1809 | 2 | 514 | Dec. 3, 1818 | 3 | 536 | Dec. 3, 1818 | 55,410 | 35,462,400 |
| Alabama..... | March 3, 1817 | 3 | 371 | Dec. 14, 1819 | 3 | 608 | Dec. 14, 1819 | 50,722 | 32,462,080 |
| Maine..... | (Out of Mass.)..... | ..... | ..... | Mar. 3, 1820 | 3 | 544 | Mar. 15, 1820 | 35,000 | 22,400,000 |
| Missouri..... | June 4, 1812 | 2 | 743 | Mar. 2, 1821 | 3 | 645 | Aug. 10, 1821 | 65,350 | 41,824,000 |
| Arkansas..... | March 2, 1819 | 3 | 493 | June 15, 1836 | 5 | 50 | June 15, 1836 | 52,198 | 33,406,720 |
| Michigan..... | Jan. 11, 1805 | 2 | 309 | Jan. 26, 1837 | 5 | 144 | Jan. 26, 1837 | 56,451 | 36,128,640 |
| Florida..... | Mar. 30, 1822 | 3 | 654 | Mar. 3, 1845 | 5 | 742 | Mar. 3, 1845 | 59,268 | 37,931,520 |
| Iowa..... | June 12, 1838 | 5 | 235 | Mar. 3, 1845 | 5 | 742 | Dec. 28, 1845 | 55,045 | 35,228,800 |
| Texas..... | (Annexed.)..... | 5 | 797 | Mar. 1, 1845 | 9 | 108 | Dec. 29, 1845 | 274,356 | 175,587,840 |
| Wisconsin..... | April 20, 1836 | 5 | 10 | Mar. 3, 1847 | 9 | 178 | May 29, 1848 | 53,924 | 34,511,360 |
| California..... | (Fr'm Mexico)..... | ..... | ..... | Sept. 9, 1850 | 9 | 452 | Sept. 9, 1850 | 157,601 | 100,992,640 |
| Minnesota..... | March 3, 1849 | 9 | 403 | May 4, 1858 | 11 | 285 | May 11, 1858 | 83,531 | 53,459,840 |
| Oregon..... | Aug. 14, 1848 | 9 | 323 | Feb. 14, 1859 | 11 | 338 | Feb. 14, 1859 | 95,274 | 60,975,360 |
| Kansas..... | May 30, 1854 | 10 | 277 | Jan. 29, 1861 | 12 | 126 | Jan. 29, 1861 | 80,891 | 51,770,240 |
| West Virginia..... | (Out of Va.)..... | ..... | ..... | Dec. 31, 1862 | 12 | 633 | June 19, 1863 | 23,000 | 14,720,000 |
| Nevada..... | March 2, 1861 | 12 | 209 | Mar. 21, 1864 | 13 | 80 | Oct. 31, 1864 | 112,090 | 71,737,600 |
| Nebraska..... | May 30, 1854 | 10 | 277 | Feb. 9, 1867 | 14 | 391 | Mar. 1, 1867 | 75,995 | 48,636,800 |
| Colorado..... | Feb. 28, 1861 | 12 | 172 | Mar. 3, 1875 | 18 | 474 | Aug. 1, 1876 | 104,500 | 66,880,000 |

POPULATION, CAPITALS, AND AREA OF PRINCIPAL NATIONS.

| COUNTRIES. | CAPITAL. | Last Census. | Population. | Area Square Miles. | Inhabitants to the Square Mile. |
|--------------------------------|---------------------|--------------|-------------|--------------------|---------------------------------|
| Argentine Republic..... | Buenos Ayres.... | 1875 | 1,715,681 | 871,000 | 1.96 |
| Austria-Hungary..... | Vienna..... | 1869 | 35,904,485 | 226,406 | 158.58 |
| Belgium..... | Brussels..... | 1876 | 5,836,185 | 11,373 | 469.29 |
| Bolivia..... | La Paz..... | 1861 | 1,742,352 | 473,300 | 3.70 |
| Brazil..... | Rio de Janeiro.... | 1872 | 10,108,291 | 3,275,328 | 3.08 |
| Canada, Dominion of | Ottawa..... | 1871 | 3,602,321 | 3,483,952 | 1.08 |
| Chili..... | Santiago..... | 1875 | 2,075,971 | 130,977 | 15.79 |
| Chinese Empire..... | Pekin..... | Est. | 433,500,000 | 3,924,627 | 110.45 |
| Colombia..... | Bogota..... | 1870 | 2,951,311 | 432,400 | 6.82 |
| Egypt..... | Cairo..... | Est. | 5,252,000 | 212,600 | 24.70 |
| Denmark..... | Copenhagen..... | 1870 | 1,912,142 | 14,553 | 131.32 |
| Ecuador..... | Quito..... | 1875 | 866,137 | 218,984 | 3.49 |
| France..... | Paris..... | 1876 | 36,905,788 | 201,900 | 182.79 |
| Germany..... | Berlin..... | 1875 | 42,727,360 | 212,091 | 201.45 |
| Great Britain and Ireland..... | London..... | 1871 | 31,628,388 | 121,220 | 268.08 |
| Greece..... | Athens..... | 1870 | 1,457,894 | 19,941 | 72.96 |
| India, British..... | Calcutta..... | 1871 | 190,663,623 | 950,919 | 200.50 |
| Italy..... | Rome..... | 1871 | 26,801,154 | 112,677 | 243.91 |
| Japan..... | Yeddo..... | 1874 | 33,623,319 | 156,604 | 214.71 |
| Mexico..... | Mexico..... | 1871 | 9,276,079 | 761,640 | 12.18 |
| Morocco..... | Morocco..... | Est. | 6,000,000 | 219,000 | 27.39 |
| Netherlands..... | Amsterdam..... | 1869 | 3,579,589 | 12,680 | 282.30 |
| Norway..... | Christiania..... | 1875 | 1,806,900 | 122,280 | 14.78 |
| Paraguay..... | Asuncion..... | 1873 | 221,079 | 57,303 | 3.85 |
| Persia..... | Teheran..... | Est. | 6,500,000 | 648,000 | 10.03 |
| Peru..... | Lima..... | 1876 | 2,699,945 | 502,760 | 5.31 |
| Portugal..... | Lisbon..... | 1875 | 4,441,087 | 36,510 | 121.31 |
| Russian Empire..... | St. Petersburg..... | 1876 | 86,952,347 | 8,404,767 | 10.34 |
| Roumania..... | Bucharest..... | Est. | 5,376,000 | 51,033 | 105.34 |
| Servia..... | Belgrade..... | 1874 | 1,720,270 | 19,721 | 87.33 |
| Siam..... | Bangkok..... | Est. | 6,300,000 | 250,000 | 25.20 |
| Spain..... | Madrid..... | 1870 | 16,222,814 | 182,758 | 92.11 |
| Sweden..... | Stockholm..... | 1876 | 4,429,718 | 170,980 | 25.90 |
| Switzerland..... | Berne..... | 1870 | 2,759,854 | 15,223 | 181.17 |
| Turkey..... | Constantinople..... | Est. | 31,669,147 | 1,812,048 | 17.62 |
| Uruguay..... | Montevideo..... | 1876 | 445,000 | 70,000 | 6.35 |
| United States..... | Washington..... | 1870 | 38,925,508 | 3,603,884 | 10.80 |
| Venezuela..... | Caracas..... | 1873 | 1,784,197 | 368,235 | 4.92 |

ORGANIZATION AND AREA OF TERRITORIES.

| TERRITORIES. | Act organizing Territory. | U. S. Statutes. | | Area of the Territories. | |
|----------------------------|---------------------------|-----------------|-------|--------------------------|-------------|
| | | Vol. | Page. | In Sq. Miles. | In Acres. |
| New Mexico..... | Sept. 9, 1850 | 9 | 446 | 121,201 | 77,568,640 |
| Utah..... | Sept. 9, 1850 | 9 | 453 | 84,476 | 54,064,640 |
| Washington... | Mar. 2, 1853 | 10 | 172 | 69,994 | 44,796,160 |
| Dakota..... | Mar. 2, 1861 | 12 | 239 | 150,932 | 96,596,480 |
| Arizona..... | Feb. 24, 1863 | 12 | 664 | 113,916 | 72,906,804 |
| Idaho..... | Mar. 3, 1863 | 12 | 808 | 86,294 | 55,228,160 |
| Montana..... | May 26, 1864 | 13 | 85 | 143,776 | 92,016,640 |
| Wyoming..... | July 25, 1868 | 15 | 178 | 97,883 | 62,645,120 |
| Indian*..... | June 30, 1834 | 4 | 729 | 68,991 | 44,154,240 |
| District of Columbia*..... | July 16, 1790 | 1 | 130 | † 64 | 41,060 |
| | Mar. 3, 1791 | 1 | 214 | | |
| Alaska*..... | July 27, 1868 | 15 | 240 | 577,390 | 365,539,600 |

* No Territorial government.

† Reduced from 100 to 64 square miles by recession of part to Virginia in 1846.

The whole area of the States and Territories, including water surface of lakes and rivers, is nearly equal to four million square miles.

HEADS OF THE PRINCIPAL NATIONS OF THE WORLD
IN 1879.

| Governments. | Rulers. | Title. | Year of Birth. | Date of Accession. |
|----------------------------|------------------------------|----------------------|----------------|--------------------|
| Argentine Republic..... | Nicolás Avellaneda..... | President..... | 1838 | Oct. 12, 1874 |
| Austria-Hungary..... | Franz Joseph I..... | Emperor..... | 1830 | Dec. 2, 1848 |
| Belgium..... | Leopold II..... | King..... | 1835 | Dec. 10, 1865 |
| Bolivia..... | Hilarión Daza..... | President..... | ..... | May 4, 1876 |
| Brazil..... | Pedro II. Alcântara..... | Emperor..... | 1825 | April 7, 1831 |
| Chili..... | Aníbal Pinto..... | President..... | ..... | Sept. 18, 1876 |
| China..... | Kwong Shu..... | Emperor..... | 1871 | Jan. 12, 1875 |
| Colombia..... | General Trujillo..... | President..... | ..... | April 1, 1878 |
| Costa Rica..... | Tomas Guardia..... | President..... | ..... | Provisi onal. |
| Denmark..... | Christian IX..... | King..... | 1818 | Nov. 15, 1863 |
| Ecuador..... | José de Vintimilla..... | President..... | ..... | Sept. 8, 1876 |
| France..... | François P. Jules Grévy..... | President..... | 1813 | Jan. 30, 1879 |
| Germany..... | Wilhelm I..... | Emperor..... | 1797 | Jan. 18, 1871 |
| Alsace-Lorraine..... | Eduard von Möller..... | Oberpräsid't..... | 1814 | Nov. 1871 |
| Anhalt..... | Friedrich..... | Duke..... | 1831 | May 22, 1871 |
| Baden..... | Friedrich I..... | Grand Duke..... | 1826 | Apr. 24, 1852 |
| Bavaria..... | Ludwig II..... | King..... | 1845 | Mar. 10, 1864 |
| Bremen..... | ..... | Burgomasters..... | ..... | ..... |
| Brunswick..... | Wilhelm I..... | Duke..... | 1806 | Apl. 20, 1831 |
| Hamburg..... | ..... | Burgomasters..... | ..... | ..... |
| Hesse..... | Ludwig IV..... | Grand Duke..... | 1834 | June 13, 1877 |
| Lippe..... | G. F. Waldemar..... | Prince..... | 1824 | Dec. 8, 1875 |
| Lubeck..... | ..... | Burgomasters..... | ..... | ..... |
| Mecklenb'rg-Schwerin..... | Friedrich Franz II..... | Grand Duke..... | 1823 | Mar. 7, 1842 |
| Mecklenburg-Strelitz..... | Friedrich Wilhelm..... | Grand Duke..... | 1819 | Sept. 6, 1860 |
| Oldenburg..... | Peter..... | Grand Duke..... | 1827 | Feb. 27, 1853 |
| Prussia..... | Wilhelm I..... | King..... | 1797 | Jan. 2, 1861 |
| Reuss-Greiz..... | Henrich XXII..... | Prince..... | 1846 | Nov. 8, 1859 |
| Reuss-Schleiz..... | Heinrich XIV..... | Prince..... | 1832 | July 10, 1867 |
| Saxe-Altenburg..... | Ernst..... | Duke..... | 1826 | Aug. 3, 1853 |
| Saxe-Coburg & Gotha..... | Ernst II..... | Duke..... | 1818 | Jan. 29, 1844 |
| Saxe-Meiningen..... | Georg II..... | Duke..... | 1826 | Sept. 20, 1866 |
| Saxe-Weimar..... | Karl Alexander..... | Grand Duke..... | 1818 | July 8, 1853 |
| Saxony..... | Albert..... | King..... | 1828 | Oct. 29, 1873 |
| Schaumburg-Lippe..... | Adolf..... | Prince..... | 1817 | Nov. 21, 1860 |
| Schwarzburg-Rudolph..... | Georg..... | Prince..... | 1838 | Nov. 26, 1869 |
| Schwarzburg-Sonders..... | Günther II..... | Prince..... | 1801 | Aug. 19, 1835 |
| Waldeck..... | Georg Victor..... | Prince..... | 1831 | May 14, 1845 |
| Wurtemberg..... | Karl I..... | King..... | 1823 | June 25, 1864 |
| Gt. Britain & Ireland..... | Victoria I..... | Queen & E. of I..... | 1819 | June 20, 1837 |
| Greece..... | Georgios I..... | King..... | 1845 | June 6, 1863 |
| Guatemala..... | J. Rufino Barrios..... | President..... | ..... | May 7, 1873 |
| Haiti..... | ..... | President..... | ..... | ..... |
| Hawaiian Islands..... | Kalākāua I..... | King..... | 1836 | Feb. 12, 1874 |
| Honduras..... | M. A. Soto..... | President..... | ..... | May 29, 1877 |
| Italy..... | Humbert I..... | King..... | 1844 | Jan. 9, 1878 |
| Japan..... | Mutsu Hito..... | Mikado..... | 1852 | Feb. 13, 1867 |
| Mexico..... | Porfirio Diaz..... | President..... | 1830 | May 5, 1877 |
| Morocco..... | Muley-Hassan..... | Sultan..... | 1831 | Sept. 25, 1873 |
| Netherlands..... | Willem III..... | King..... | 1817 | Mar. 17, 1849 |
| Nicaragua..... | Pedro Chamorro..... | President..... | ..... | Nov. 10, 1875 |
| Paraguay..... | Higinio Uriarte..... | President..... | ..... | Apr. 12, 1877 |
| Persia..... | Nasser-ed-Deen..... | Shah..... | 1829 | Sept. 10, 1848 |
| Peru..... | Mariano Ignacio Prado..... | President..... | ..... | Aug. 2, 1876 |
| Portugal..... | Luis I..... | King..... | 1838 | Nov. 11, 1861 |
| Russia..... | Alexander II..... | Emperor..... | 1818 | Mar. 2, 1855 |
| Santo Domingo..... | Bonaventura Baez..... | President..... | ..... | Dec. 10, 1876 |
| San Salvador..... | Rafael Zaldivar..... | President..... | ..... | Apl. 30, 1876 |
| Spain..... | Alfonso XII..... | King..... | 1857 | Dec. 30, 1874 |
| Sweden and Norway..... | Oscar II..... | King..... | 1829 | Sept. 18, 1872 |
| Switzerland..... | B. Hammar..... | President..... | ..... | Jan. 1, 1879 |
| Turkey..... | Abdul-Hamid-Khan..... | Sultan..... | 1842 | Aug. 31, 1876 |
| Egypt..... | Ismail I..... | Khedive..... | 1830 | Jan. 18, 1863 |
| Roumania..... | Karl I. Domnu..... | Prince..... | 1839 | May 10, 1866 |
| Servia..... | Milan IV. Obrenovic..... | Prince..... | 1855 | July 2, 1868 |
| United States..... | Rutherford B. Hayes..... | President..... | 1822 | Mar. 5, 1877 |
| Uruguay..... | L. Latorre..... | President..... | | Mar. 11, 1876 |
| Venezuela..... | F. L. Alcantara..... | President..... | | Feb. 27, 1877 |

INDEX.

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From the United States Official Postal Guide, October, 1878.

The standard single rate is $\frac{1}{2}$ ounce avoirdupois.

* Prepayment optional in case of country marked with a star, embraced in the Postal Union Treaty of 1874. When not prepaid, double rates are collected.

| DESTINATION. | Letters News- papers | | DESTINATION. | Letters News- papers | |
|---|-------------------------|------|--|-------------------------|------|
| | Cts. | Cts. | | Cts. | Cts. |
| Africa, British Possessions on W. Coast, by British Mail | 10 | 4 | Jamaica | *10 | 4 |
| Africa, Spanish Possessions on Northern Coast | *5 | 2 | Japan, dir., <i>via</i> S. Francisco | *10 | 4 |
| Argentina Confederation | 10 | 4 | Java, British Mail, <i>via</i> Southampton | *10 | 4 |
| Australia, except New South Wales and Queensland, U. S. Mail | 5 | 2 | Liberia, British Mail, <i>via</i> Southampton | 15 | 4 |
| Austria | *5 | 2 | Luxembourg | *5 | 2 |
| Azores | *5 | 2 | Madeira | *5 | 2 |
| Balearic Isles | *5 | 2 | Malta | *5 | 2 |
| Belgium | *5 | 2 | Martinique, British Mail, <i>via</i> St. Thomas | *10 | 4 |
| Bermuda | 10 | 4 | Mexico, by sea | 10 | 2 |
| Bolivia, British Mail, <i>via</i> Aspinwall | 17 | 4 | “ overland | 3 | 1 |
| Brazil, British Mail | *10 | 4 | Morocco, British Mail, “ Western Coast—Spanish Postal Stations | *5 | 2 |
| British Columbia | 3 | 1 | Nassau, N. P. | 3 | 2 |
| Buenos Ayres | 10 | 4 | Netherlands | *15 | 2 |
| Burmah, German Mail | 17 | 3 | New Brunswick | 3 | 1 |
| “ British Mail, <i>via</i> Brindisi | *10 | 4 | New Foundland | 5 | 2 |
| Canada | 3 | 1 | New Grenada, direct Mail | 5 | 2 |
| Canary Islands | *5 | 2 | New South Wales, direct M. | 12 | 2 |
| Cape of Good Hope | 15 | 4 | New Zealand, direct Mail | 12 | 2 |
| Carthage, New Grenada | 13 | 4 | Nicaragua, direct | 5 | 2 |
| Ceylon, British Mail, <i>via</i> Southampton | *10 | 4 | Norway | *5 | 2 |
| Chili, British Mail | 17 | 4 | Nova Scotia | 3 | 1 |
| China, <i>via</i> San Francisco | 5 | 2 | Panama, direct Mail | 5 | 2 |
| Costa Rica, direct Mail, <i>via</i> Aspinwall | 5 | 2 | Paraguay, U. S. Packet | 27 | 4 |
| Cuba, direct Mail | 5 | 2 | Peru, British Mail | 10 | 4 |
| Curacao, British Mail, <i>via</i> St. Thomas | 10 | 4 | Poland | 5 | 2 |
| Denmark | *5 | 2 | Porto Rico, British Mail, <i>via</i> St. Thomas | *10 | 4 |
| E. Indies, <i>via</i> Southampton | 27 | 4 | Portugal | *5 | 2 |
| Ecuador | 20 | 2 | Prince Edward Island | 3 | 1 |
| Egypt | *5 | 2 | Queensland | 12 | 2 |
| England | *5 | 2 | Roumania | *5 | 2 |
| Faroe Islands | *5 | 2 | Russia | *5 | 2 |
| Fiji Islands, direct, <i>via</i> San Francisco | 5 | 2 | Salvador, direct Mail | 10 | 2 |
| Finland | 5 | 2 | Sandwich Islands, direct Mail, <i>via</i> San Francisco | 6 | 1 |
| France | *5 | 2 | Scotland | *5 | 2 |
| French Colonies | *10 | 4 | Servia | 5 | 2 |
| Gambia, British Mail | *10 | 4 | Shanghai | 5 | 2 |
| Germany | *5 | 2 | Siam, dir. from S. Francisco | 10 | 2 |
| Gibraltar, British Mail | *5 | 2 | Sierra Leone, British Mail, <i>via</i> Southampton | 15 | 4 |
| Gold Coast, British Mail | 10 | 4 | Spain | *5 | 2 |
| Grand Duchy of Finland | *5 | 2 | St. Domingo | 13 | 2 |
| Great Britain | *5 | 2 | St. Helena, British Mail | 15 | 4 |
| Greece | *5 | 2 | Sweden | *5 | 2 |
| Greenland | 10 | 4 | Switzerland | *5 | 2 |
| Greytown, British Mail | 13 | 4 | Tangiers, <i>via</i> Spain | *5 | 2 |
| Guadaloupe, “ | *10 | 4 | Tripoli, Italian Mail | 5 | 2 |
| Guatemala, direct Mail | 10 | 2 | Tunis, Italian Mail | 5 | 2 |
| Guiana, British, French and Dutch | 10 | 4 | Turkey | *5 | 2 |
| Havana | 5 | 2 | Turk's Island, British Mail | 13 | 4 |
| Hawaiian Kingdom, dir. Mail | 6 | 1 | Uruguay | 23 | 4 |
| Hayti, by direct steamer | 5 | 2 | Van Diemen's Land | 5 | 2 |
| Hong Kong, Canton, Swatow, Amoy, and Foo Chow, <i>via</i> San Francisco | *10 | 4 | Venezuela, British Mail, <i>via</i> St. Thomas | 13 | 4 |
| Iceland | 13 | 4 | Victoria | 5 | 2 |
| India, British Mail | *10 | 4 | West Indies, British Mail, <i>via</i> St. Thomas | 13 | 4 |
| Ireland | *5 | 2 | West Indies, direct Mail | 5 | 2 |
| Italy | *5 | 2 | “ “ French Colonies, <i>via</i> France | 10 | 4 |
| | | | Zanzibar, British Mail, <i>via</i> Southampton | 10 | 4 |

UNITED STATES POSTAL REGULATIONS.

First Class Mail Matter.

LETTERS.—This class includes letters and any thing of which the Postmaster cannot ascertain the contents without destroying the wrapper, or any thing unsealed which may be wholly or partly in writing—except book-manuscript, corrected proofs passing between authors and publishers, and postal cards. Postage, 3 cents each half ounce, or for each fraction above half an ounce. On local or drop letters, at free-delivery offices, 2 cents. At offices where no free-delivery by carrier, 1 cent.

Postal cards, 1 cent.

Registered letters, 10 cents in addition to the proper postage.

The Post-Office Department or its revenue is not by law liable for the loss of any registered mail matter.

Second Class.

REGULAR PUBLICATIONS.—This class includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated periods from a known office of publication or news agency. Postage, on daily or weekly issues, 2 cents a pound or fraction thereof. On periodicals issued less frequently than once a week, 3 cents a pound or fraction thereof.

Third Class.

Mail matter of the third class is divided as follows :

One cent for two ounces.—Almanacs, books (printed), calendars, catalogues, corrected proofs, hand-bills, magazines, when not sent to regular subscribers, maps (lithographed or engraved), music (printed sheet), newspapers, when not sent to regular subscribers, occasional publications, pamphlets, posters, proof-sheets, prospectuses, and regular publications designed primarily for advertising purposes, or for free circulation, or for circulation at nominal rates.

One cent for each ounce.—Blank books, blank cards, book manuscript, card-boards, and other flexible material, chromo-lithographs, circulars, engravings, envelopes, flexible patterns, letter envelopes, letter paper, lithographs, merchandise, models, ornamented paper, postal cards, when sent in bulk and not addressed, photographic views, photographic paper, printed blanks, printed cards, sample cards, samples of ores, metals, minerals, and merchandise, seeds, cuttings, bulbs, roots, and scions, stereoscopic views.

All packages of matter of the third class must be so wrapped or enveloped, with open sides or ends, that their contents may be readily examined by postmasters without destroying the wrappers.

Matter of the second and third classes containing any writing whatever, will be charged with letter postage, except as follows :

The sender may write his name or address therein, or on the outside, with the word "from" preceding the same, or may write briefly on any package the number and names of the articles inclosed.

Postal Money Orders.

An order may be issued for any amount, from *one cent to fifty dollars* inclusive, but fractional parts of a cent cannot be included.

The Fees for orders are : On orders not exceeding \$15.....10 cents.
 " " over \$15 and not exceeding \$30.....15 "
 " " over 30 " " 40.....20 "
 " " over 40 " " 50.....25 "

When a larger sum than fifty dollars is required, additional orders must be obtained ; but no more than *three* orders will be issued in one day from the same post-office to the same remitter in favor of the same payee.

Free Delivery.

The free delivery of mail matter at the residences of the people desiring it required by law in every city of 50,000 or more population, and may be established at every place containing not less than 20,000 inhabitants. The present number of free-delivery offices is 87.

The franking privilege was abolished July 1, 1873, but the following mail-matter may be sent free by legislative saving-clauses, viz. :

1. All public documents, printed by order of Congress.
2. Seeds transmitted by the Commissioner of Agriculture, or by any member of Congress, procured from that department.
3. All newspapers sent to subscribers within the county where printed.
4. Letters and packages relating exclusively to the business of the Government of the United States, mailed only from an Executive Department, or a bureau or office of the same, in specially printed envelopes.

All communications to Government officers, and to or from members of Congress, are required to be prepaid by stamps.

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the Library on or before the last date
stamped below.

A fine is incurred by retaining it
beyond the specified time.

Please return promptly.

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